

<b>Notice of References Cited</b>	Application/Control No. 16/936,941	Applicant(s)/Patent Under Reexamination Specht et al.	
	Examiner CAROLYN A PEHLKE	Art Unit 3793	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20190125298-A1	05-2019	ABOLMAESUMI; Purang	A61B8/4405	1/1
*	B	US-20180161010-A1	06-2018	Choi; Choong-hwan	A61B8/54	1/1
*	C	US-20130190600-A1	07-2013	Gupta; Mithun Das	A61B8/0866	600/407
*	D	US-20130002264-A1	01-2013	GARBER; Yvo	A61B5/08	324/600
	E					
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	I					
	J					
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**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Cikes, Maja, et al. "Ultrafast cardiac ultrasound imaging: technical principles, applications, and clinical benefits." JACC: Cardiovascular Imaging 7.8 (2014): 812-823.
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Search Notes</b> 	<b>Application/Control No.</b> 16/936,941	<b>Applicant(s)/Patent Under Reexamination</b> Specht et al.
	<b>Examiner</b> CAROLYN A PEHLKE	<b>Art Unit</b> 3793

CPC - Searched*		
Symbol	Date	Examiner
g09b23/286	05/19/2022	CP
a61b8/5269,46,461,463,465,468,469,52,54	05/19/2022	CP
g06t7/0012,0014	05/19/2022	CP


CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

\* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
g09b23/286	05/19/2022	CP
a61b8/5269,46,461,463,465,468,469,52,54	05/19/2022	CP
g06t7/0012,0014	05/19/2022	CP
Inventor search	05/19/2022	CP
Assignee search	05/19/2022	CP
google scholar search	05/19/2022	CP

/CAROLYN A PEHLKE/ Primary Examiner, Art Unit 3793	
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	<b>Examiner</b> CAROLYN A PEHLKE	<b>Art Unit</b> 3793

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/CAROLYN A PEHLKE/ Primary Examiner, Art Unit 3793	
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Doc code: IDS  
 Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-15)  
 Approved for use through 07/31/2016. OMB 0651-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	16936941
	Filing Date	2020-07-23
	First Named Inventor	Specht, Tanya Lynn
	Art Unit	3700
	Examiner Name	FRISTOE JR, JOHN K
	Attorney Docket Number	318118-US-3

**U.S.PATENTS** Remove

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6670963	B2	2003-12-30	OSBERGER WILFRIED	
	2	7424147	B2	2008-09-09	OBRADOR PERE	

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Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2i</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		16936941
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	Attorney Docket Number		318118-US-3

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1		

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**EXAMINER SIGNATURE**

Examiner Signature	/CAROLYN A PEHLKE/	Date Considered	05/19/2022
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

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	Attorney Docket Number		318118-US-3

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jacob Groethe/	Date (YYYY-MM-DD)	2020-10-23
Name/Print	Jacob Groethe	Registration Number	45,694

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Doc code: IDS  
 Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)  
 Approved for use through 11/30/2020. OMB 0651-0031  
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	First Named Inventor	Specht, Tanya Lynn
	Art Unit	3793
	Examiner Name	
	Attorney Docket Number	318118-US-3

**U.S.PATENTS** Remove

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	9072493	B1	2015-07-07	YOSHIKAWA HIDEKI	family member of CN104622509A cited in CN OA 26FEB2021
	2	9489921	B2	2016-11-08	NAM KI-BO	family member of CN104905812A cited in CN OA 26FEB2021

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	Attorney Docket Number		318118-US-3

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	CN application 201810396920.8 filed 27APR2018 - 2nd Office Action issued 26FEB2021; 8 pages.	

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## PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	34267	a61b8/00,08,5269,463,469,5207,5212,54,13.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 03:42 PM
L2	33577	g06t7/0012.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 03:42 PM
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L5	246966	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 03:43 PM
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L17	1	("2015/0116361").URP N.	JPO; IBM_TDB) (USPAT)	OR	ON	ON	2019/08/24 03:53 PM
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		"20140201215"   "20140350404"   "20150133784"   "20150230773"   "20150265251"   "20150317792"   "20160078022"   "20160231886"   "20170053090"   "20180005381"   "20180096191"   "20180136000"   "20180137394"   "20180203998"   "5204625"   "5412563"   "6048314"   "6174285"   "6264609"   "6405072"   "6549646"   "6721447"   "7092749"   "7615008"   "7640051"   "7648460"   "7678052"   "7798965"   "7828732"   "7953262"   "7995820"   "8051386"   "8064677"   "8139832"   "8150497"   "8150498"   "8160341"   "8162833"   "8175354"   "8192361"   "8335364"   "8341100"   "8460190"   "8718341"   "9532762").PN.					
L21	128606	color near2 (code or coded or coding)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 05:43 PM
L22	273231	quality near3 (value or variable or characteristic or parameter or metric)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 05:43 PM
L23	112	L21 with L22	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 05:45 PM
L24	7	L23 and L11	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 05:45 PM
L25	1	("2014/0031688").URP N.	(USPAT)	OR	ON	ON	2019/08/24 05:46 PM
L26	12	("20020072670"   "20050033173"   "20070078344"   "20100168573"   "20100249591"   "20100249592"   "20130225986"   "5873830"   "6508768"   "6558324"   "7223241"   "8235900").PN. OR ("9392995").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2019/08/24 05:47 PM

L27	311307	(region or roi) with (outline or border or boundary)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:13 PM
L28	5270	L27 and L3	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:13 PM
L29	6536	(graphic\$4 or overlay\$3 or overlaid or superimpos\$3 or icon) with L27	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:15 PM
L30	5270	L28 and L3	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:15 PM
L31	2282	L30 and (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:17 PM
L32	526	L29 same (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:18 PM
L33	9	L32 and L3	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:18 PM
L34	104970	g06f3/048,0481,04812,04817,0484.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:26 PM
L35	63	L32 and L34	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:26 PM
L36	46	("2010/0262907").URP N.	(USPAT)	OR	ON	ON	2019/08/24 07:31 PM
L37	309	("20010040585"   "20010040636"   "20010048447"   "20010055030"   "20020033837"   "20020038257"   "20020044154"   "20020062245"   "20020075280"   "20020087894"   "20020089520"   "20020093567"   "20020101396"   "20020122038"   "20020135601"   "20020143826"   "20020171644"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2019/08/24 07:32 PM

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		"6278443"	"6278450"					
		"6288702"	"6304271"					
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		"6407747"	"6411274"					
		"6416186"	"6417867"					
		"6438576"	"6487497"					
		"6491585")	PN. OR					
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		"6515678"	"6522341"					
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		"6833843"	"6842175"					
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		"7106349"	"7133054"					
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		"7472354"	"7486302"					
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L38	8091	"7495678"   "7580036"   "7667699"   "7698653"   "7714859"   "7737976"   "7761713"   "7773101").PN. OR ("8416266").URPN. (deep near3 learning) with (neural near3 network)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:43 PM
L39	363231	image near2 (correlat\$3 or compar\$4 or match\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:43 PM
L40	46	L38 with L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:44 PM
L41	3	L40 and L3	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:44 PM
L43	3	L40 and medical	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/24 07:45 PM
L44	24	("20100215245" "20100 321324" "6063030" "20 080196506" "20100260 383" "5831632" "64360 40" "7106479" "804670 7" "8343053" "2009030 6514" "6468212" "2004 0207661" "2012010897 1" "20080171939").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/25 03:16 PM
L45	123	("6063030").URPN.	(USPAT)	OR	ON	ON	2019/08/25 03:24 PM
L46	55	("20070061726"   "20070276234"   "20080161688"   "4945305"   "6063030"   "6214029"   "6216029"   "6290649"   "6775404").PN. OR ("8303502").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2019/08/25 03:34 PM
L47	2	"37856778".FMID.	(US-PGPUB; USPAT; FPRS)	OR	ON	ON	2019/08/25 03:50 PM
L48	9	("20020119432"   "20050041282"   "20050078790"   "20060052689"   "20070032720"   "20080269606"   "7594188"   "7648461").PN. OR ("7889227").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2019/08/25 03:50 PM
L49	3	("2010/0260383").URP N.	(USPAT)	OR	ON	ON	2019/08/25 04:14 PM
L50	10	((("GENERAL") near3	(USPAT)	OR	ON	ON	2019/08/25

		("ELECTIC") near3 ("COMPANY"))).AS,AA NM.					07:07 PM
L51	161	((("SPECHT") near3 ("Tanya")) OR (("HALMANN") near3 ("Menachem")) OR (("SOKULIN") near3 ("Alexander")) OR (("LYSYANSKY") near3 ("Peter")) OR (("OWEN") near3 ("Cynthia")) OR (("OGURTSOV") near3 ("Sergey"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2019/08/25 07:07 PM
L52	171	L50 L51	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/25 07:08 PM
L53	690261	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/25 07:08 PM
L54	246966	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/25 07:08 PM
L55	29545	L53 with L54	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/25 07:08 PM
L56	6	L52 and L55	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2019/08/25 07:08 PM
L57	35560	a61b8/00,08,5269,463, 469,5207,5212,54,13.c pc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L58	35462	g06t7/0012.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L59	69340	L57 L58	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L60	709001	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L61	255849	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L62	30539	L60 with L61	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L63	601	L62 and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM

L64	360	L63 and (color\$3 or highlight\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L65	289	L64 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L66	6322	g09b23/28,286.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L67	75480	L59 L66	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L68	616	L62 and L67	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L69	8063	L61 with (color\$3 or highlight\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L70	2156	L69 with L60	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L71	47	L70 and L67	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L72	34	L71 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L73	1	("2015/0116361").URP N.	(USPAT)	OR	ON	ON	2020/01/16 04:25 PM
L74	6	("20050119568"   "20070232908"   "20100198068"   "20120165672"   "6438401"   "7912528").PN. OR ("9700284").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/01/16 04:25 PM
L75	1	("2015/0133784").URP N.	(USPAT)	OR	ON	ON	2020/01/16 04:25 PM
L76	90	("20030194121"   "20040024292"   "20050111715"   "20050171430"   "20050207630"   "20050226495"   "20050249391"   "20060008143"   "20060074287"   "20060120608"   "20060228015"   "20080107321"   "20080130833"   "20090161937"   "20090306507"   "20100124364"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/01/16 04:25 PM

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		"8064677"   "8139832"					
		"8150497"   "8150498"					
		"8160341"   "8162833"					
		"8175354"   "8192361"					
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		"8460190"   "8718341"					

L77	132894	"9532762").PN. color near2 (code or coded or coding)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L78	283561	quality near3 (value or variable or characteristic or parameter or metric)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L79	121	L77 with L78	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L80	7	L79 and L67	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L81	1	("2014/0031688").URP N.	(USPAT)	OR	ON	ON	2020/01/16 04:25 PM
L82	12	("20020072670"   "20050033173"   "20070078344"   "20100168573"   "20100249591"   "20100249592"   "20130225986"   "5873830"   "6508768"   "6558324"   "7223241"   "8235900").PN. OR ("9392995").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/01/16 04:25 PM
L83	321766	(region or roi) with (outline or border or boundary)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L84	5523	L83 and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L85	6786	(graphic\$4 or overlay\$3 or overlaid or superimpos\$3 or icon) with L83	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L86	5523	L84 and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L87	2417	L86 and (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L88	540	L85 same (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM

L89	9	L88 and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L90	111417	g06f3/048,0481,04812, 04817,0484.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L91	66	L88 and L90	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L92	47	("2010/0262907").URP N.	(USPAT)	OR	ON	ON	2020/01/16 04:25 PM
L93	309	("20010040585"   "20010040636"   "20010048447"   "20010055030"   "20020033837"   "20020038257"   "20020044154"   "20020062245"   "20020075280"   "20020087894"   "20020089520"   "20020093567"   "20020101396"   "20020122038"   "20020135601"   "20020143826"   "20020171644"   "20020180801"   "20030006995"   "20030007006"   "20030048447"   "20030052896"   "20030052900"   "20030061211"   "20030076363"   "20030100326"   "20030103063"   "20030105795"   "20030112503"   "20030118223"   "20030137525"   "20030151625"   "20030151626"   "20030174146"   "20030179198"   "20030179219"   "20030179237"   "20030196114"   "20030210281"   "20030227556"   "20030231177"   "20040026521"   "20040056869"   "20040056898"   "20040111332"   "20040125138")	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/01/16 04:25 PM

	"20040150664" "20040194014" "20040217979" "20040240709" "20040257375" "20040257380" "20050041046" "20050134610" "20050259118" "20050278378" "20050285861" "20060022955" "20060026521" "20060033762" "20060036629" "20060059432" "20060082901" "20060098028" "20060139375" "20060192780" "20060214951" "20070033543" "20070064018" "20070097109" "20090141044" "20090147023" "20090172587" "20090265656" "20090284542" "20100026718" "20100033503" "20100045702" "20100201785" "20100208968" "3201546"   "3704938" "3739739"   "3762799" "4581647"   "4630110" "4688181"   "4757616" "4790028"   "4800379" "4885702"   "4888713" "4970028"   "4985849" "4992866"   "5031918" "5048077" "5175808").PN. OR ("5185599"   "5185667"   "5200818"   "5206721"   "5227771"   "5250934"   "5258837"   "5269687"   "5275019"   "5309279"   "5321807"   "5329310"   "5341466"   "5369527"   "5416900"   "5432895"   "5451998"   "5459488"   "5473740"   "5521634"   "5523783"   "5528289"   "5539534"   "5581670"   "5583977"   "5588098"   "5594859"   "5596690"					
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		"5598297"	"5610653"					
		"5613032"	"5638523"					
		"5644758"	"5651107"					
		"5652851"	"5657246"					
		"5670984"	"5680524"					
		"5682489"	"5689287"					
		"5689628"	"5721853"					
		"5729673"	"5731805"					
		"5742272"	"5745166"					
		"5751289"	"5754348"					
		"5764139"	"5786814"					
		"5798752"	"5808670"					
		"5812111"	"5818455"					
		"5848231"	"5852440"					
		"5872922"	"5909219"					
		"5923364"	"5926209"					
		"5949430"	"5950216"					
		"5959605"	"5969706"					
		"5973694"	"5991877"					
		"5999879"	"6005611"					
		"6037939"	"6052110"					
		"6057844"	"6064401"					
		"6067372"	"6072501"					
		"6073036"	"6075531"					
		"6081277"	"6084598"					
		"6091771"	"6108005"					
		"6128024"	"6133914"					
		"6147709"	"6154840"					
		"6160553"	"6184859"					
		"6198484"	"6201546"					
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		"6215491"	"6219052"					
		"6241609"	"6246411"					
		"6249281"	"6256043"					
		"6256115"	"6256737"					
		"6266082"	"6271854"					
		"6278443"	"6278450"					
		"6288702"	"6304271"					
		"6307612"	"6320599"					
		"6337709"	"6346938"					
		"6346962"	"6359615"					
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		"6407747"	"6411274"					
		"6416186"	"6417867"					
		"6438576"	"6487497"					
		"6491585")	PN. OR					
		("6504535"	"6515663"					
		"6515678"	"6522341"					
		"6523024"	"6542191"					
		"6552737"	"6559813"					
		"6577311"	"6577319"					
		"6584237"	"6590568"					
		"6590583"	"6608631"					
		"6612930"	"6631205"					
		"6633305"	"6690387"					

		"6704034"   "6720971"   "6721655"   "6727910"   "6731285"   "6731315"   "6744430"   "6747610"   "6747611"   "6760020"   "6768497"   "6798412"   "6833843"   "6842175"   "6874126"   "6882755"   "6906643"   "6911975"   "6919921"   "6924822"   "6938218"   "6956590"   "6961071"   "6975335"   "6985865"   "7038680"   "7055095"   "7071971"   "7084886"   "7088364"   "7106349"   "7133054"   "7134092"   "7158878"   "7173633"   "7173636"   "7194697"   "7197718"   "7197719"   "7213214"   "7233942"   "7246109"   "7256801"   "7274381"   "7275219"   "7280105"   "7283141"   "7310619"   "7312806"   "7321824"   "7411610"   "7423660"   "7443396"   "7450114"   "7472354"   "7486302"   "7489321"   "7493572"   "7495678"   "7580036"   "7667699"   "7698653"   "7714859"   "7737976"   "7761713"   "7773101").PN. OR ("8416266").URPN.					
L94	11304	(deep near3 learning) with (neural near3 network)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L95	377612	image near2 (correlat\$3 or compar\$4 or match\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L96	72	L94 with L95	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L97	5	L96 and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L98	11	L96 and medical	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L99	24	("20100215245" "20100 321324" "6063030" "20 080196506" "20100260 383" "5831632" "64360 40" "7106479" "804670 7" "8343053" "2009030	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM

L100	128	6514 "6468212 "2004 0207661 "2012010897 1 "20080171939").PN. ("6063030").URPN.	(USPAT)	OR	ON	ON	2020/01/16 04:25 PM
L101	57	("20070061726"   "20070276234"   "20080161688"   "4945305"   "6063030"   "6214029"   "6216029"   "6290649"   "6775404").PN. OR ("8303502").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/01/16 04:25 PM
L102	2	"37856778".FMID.	(US-PGPUB; USPAT; FPRS)	OR	ON	ON	2020/01/16 04:25 PM
L103	9	("20020119432"   "20050041282"   "20050078790"   "20060052689"   "20070032720"   "20080269606"   "7594188"   "7648461").PN. OR ("7889227").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/01/16 04:25 PM
L104	4	("2010/0260383").URP N.	(USPAT)	OR	ON	ON	2020/01/16 04:25 PM
L105	10	((("GENERAL") near3 ("ELECTIC") near3 ("COMPANY"))).AS,AA NM.	(USPAT)	OR	ON	ON	2020/01/16 04:25 PM
L106	164	((("SPECHT") near3 ("Tanya")) OR (("HALMANN") near3 ("Menachem")) OR (("SOKULIN") near3 ("Alexander")) OR (("LYSYANSKY") near3 ("Peter")) OR (("OWEN") near3 ("Cynthia")) OR (("OGURTSOV") near3 ("Sergey"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2020/01/16 04:25 PM
L107	174	L105 L106	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L108	709001	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L109	255849	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L110	30539	L108 with L109	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2020/01/16 04:25 PM

L111	6	L107 and L110	JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:25 PM
L112	4	"20090069692"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/01/16 04:42 PM
L113	134846	color near2 (code or coded or coding)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:05 PM
L114	326505	(region or roi) with (outline or border or boundary)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:05 PM
L115	541	L113 same L114	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:05 PM
L116	482	L115 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:06 PM
L117	36467	a61b8/00,08,5269,463, 469,5207,5212,54,13.c pc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:07 PM
L118	36513	g06t7/0012.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:07 PM
L119	71239	L117 L118	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:07 PM
L120	89	L116 and L119	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:07 PM
L121	371446	quality near3 (value or variable or characteristic or parameter or attribute or level)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:08 PM
L122	717501	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:09 PM
L123	51836	L121 same L122	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:09 PM
L124	115	L123 same L114	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:09 PM
L125	17	L124 and L119	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:10 PM
L126	387974	quality near3 (value or variable or characteristic or parameter or attribute or level or score or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:10 PM

L127	51836	scoring) L126 same L123	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:11 PM
L128	115	L127 same L114	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:11 PM
L129	105	L128 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:14 PM
L130	181	L113 with L114	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:21 PM
L131	28	L130 and L119	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:21 PM
L132	19	L131 and L118	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:21 PM
L133	10	((("GENERAL") near3 ("ELECTIC") near3 ("COMPANY"))).AS,AA NM.	(USPAT)	OR	ON	ON	2020/03/27 12:57 PM
L134	165	((("SPECHT") near3 ("Tanya")) OR (("HALMANN") near3 ("Menachem")) OR (("SOKULIN") near3 ("Alexander")) OR (("LYSYANSKY") near3 ("Peter")) OR (("OWEN") near3 ("Cynthia")) OR (("OGURTSOV") near3 ("Sergey"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2020/03/27 12:57 PM
L135	175	L133 L134	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:57 PM
L136	717501	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:57 PM
L137	259597	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:57 PM
L138	30978	L136 with L137	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:57 PM
L139	6	L135 and L138	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 12:57 PM
L140	71	L138 same L114	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2020/03/27 01:01 PM

L141	1	L140 and L135	JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/03/27 01:02 PM
L142	37734	a61b8/00,08,5269,463, 469,5207,5212,54,13.c pc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L143	38594	g06t7/0012.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L144	74417	L142 L143	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L145	731831	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L146	266075	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L147	31735	L145 with L146	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L148	654	L147 and L144	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L149	390	L148 and (color\$3 or highlight\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L150	296	L149 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L151	6687	g09b23/28,286.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L152	80909	L144 L151	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L153	675	L147 and L152	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L154	8322	L146 with (color\$3 or highlight\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L155	2211	L154 with L145	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L156	46	L155 and L152	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L157	34	L156 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2020/07/06 11:07 AM

L158	1	("2015/0116361").URP N.	JPO; IBM_TDB) (USPAT)	OR	ON	ON	2020/07/06 11:07 AM
L159	8	("20050119568"   "20070232908"   "20100198068"   "20120165672"   "6438401"   "7912528").PN. OR ("9700284").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:07 AM
L160	3	("2015/0133784").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:07 AM
L161	90	("20030194121"   "20040024292"   "20050111715"   "20050171430"   "20050207630"   "20050226495"   "20050249391"   "20060008143"   "20060074287"   "20060120608"   "20060228015"   "20080107321"   "20080130833"   "20090161937"   "20090306507"   "20100124364"   "20100158332"   "20100256863"   "20100266179"   "20100331699"   "20110007076"   "20110026791"   "20110110576"   "20110137132"   "20110263967"   "20110274338"   "20110280465"   "20120014585"   "20120035463"   "20120062732"   "20120099771"   "20120101388"   "20120134552"   "20120157842"   "20120165671"   "20120296213"   "20130030278"   "20130116535"   "20130236079"   "20130243298"   "20130343626"   "20140033126"   "20140111508"   "20140184608"   "20140200452")	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:07 AM

		"20140201215"   "20140350404"   "20150133784"   "20150230773"   "20150265251"   "20150317792"   "20160078022"   "20160231886"   "20170053090"   "20180005381"   "20180096191"   "20180136000"   "20180137394"   "20180203998"   "5204625"   "5412563"   "6048314"   "6174285"   "6264609"   "6405072"   "6549646"   "6721447"   "7092749"   "7615008"   "7640051"   "7648460"   "7678052"   "7798965"   "7828732"   "7953262"   "7995820"   "8051386"   "8064677"   "8139832"   "8150497"   "8150498"   "8160341"   "8162833"   "8175354"   "8192361"   "8335364"   "8341100"   "8460190"   "8718341"   "9532762").PN.					
L162	138027	color near2 (code or coded or coding)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L163	295554	quality near3 (value or variable or characteristic or parameter or metric)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L164	126	L162 with L163	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L165	7	L164 and L152	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L166	2	("2014/0031688").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:07 AM
L167	12	("20020072670"   "20050033173"   "20070078344"   "20100168573"   "20100249591"   "20100249592"   "20130225986"   "5873830"   "6508768"   "6558324"   "7223241"   "8235900").PN. OR ("9392995").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:07 AM

L168	334662	(region or roi) with (outline or border or boundary)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L169	5848	L168 and L144	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L170	7080	(graphic\$4 or overlay\$3 or overlaid or superimpos\$3 or icon) with L168	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L171	5848	L169 and L144	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L172	2576	L171 and (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L173	558	L170 same (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L174	9	L173 and L144	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L175	119684	g06f3/048,0481,04812,04817,0484.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L176	69	L173 and L175	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L177	49	("2010/0262907").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:07 AM
L178	309	("20010040585"   "20010040636"   "20010048447"   "20010055030"   "20020033837"   "20020038257"   "20020044154"   "20020062245"   "20020075280"   "20020087894"   "20020089520"   "20020093567"   "20020101396"   "20020122038"   "20020135601"   "20020143826"   "20020171644"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:07 AM

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L180	395037	image near2 (correlat\$3 or compar\$4 or match\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L181	89	L179 with L180	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L182	7	L181 and L144	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L183	13	L181 and medical	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L184	24	("20100215245" "20100 321324" "6063030" "20 080196506" "20100260 383" "5831632" "64360 40" "7106479" "804670 7" "8343053" "2009030 6514" "6468212" "2004 0207661" "2012010897 1" "20080171939").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L185	136	("6063030").URPN.	(USPAT)	OR	ON	ON	2020/07/06 11:07 AM
L186	58	("20070061726"   "20070276234"   "20080161688"   "4945305"   "6063030"   "6214029"   "6216029"   "6290649"   "6775404").PN. OR ("8303502").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:07 AM
L187	2	"37856778".FMID.	(US-PGPUB; USPAT; FPRS)	OR	ON	ON	2020/07/06 11:07 AM
L188	9	("20020119432"   "20050041282"   "20050078790"   "20060052689"   "20070032720"   "20080269606"   "7594188"   "7648461").PN. OR ("7889227").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:07 AM
L189	4	("2010/0260383").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:07 AM
L190	10	((("GENERAL") near3	(USPAT)	OR	ON	ON	2020/07/06

L191	169	("ELECTIC") near3 ("COMPANY"))).AS,AA NM. (((("SPECHT") near3 ("Tanya")) OR ((("HALMANN") near3 ("Menachem")) OR ((("SOKULIN") near3 ("Alexander")) OR ((("LYSYANSKY") near3 ("Peter")) OR ((("OWEN") near3 ("Cynthia")) OR ((("OGURTSOV") near3 ("Sergey")))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	11:07 AM 2020/07/06 11:07 AM
L192	179	L190 L191	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L193	731831	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L194	266075	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L195	31735	L193 with L194	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L196	6	L192 and L195	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L197	37734	a61b8/00,08,5269,463,469,5207,5212,54,13.c pc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L198	38594	g06t7/0012.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L199	74417	L197 L198	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L200	731831	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L201	266075	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L202	31735	L200 with L201	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L203	654	L202 and L199	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM

L204	390	L203 and (color\$3 or highlight\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L205	296	L204 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L206	6687	g09b23/28,286.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:07 AM
L207	80909	L199 L206	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L208	675	L202 and L207	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L209	8322	L201 with (color\$3 or highlight\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L210	2211	L209 with L200	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L211	46	L210 and L207	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L212	34	L211 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L213	1	("2015/0116361").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
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L215	3	("2015/0133784").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
L216	90	("20030194121"   "20040024292"   "20050111715"   "20050171430"   "20050207630"   "20050226495"   "20050249391"   "20060008143"   "20060074287"   "20060120608"   "20060228015"   "20080107321"   "20080130833"   "20090161937"   "20090306507"   "20100124364"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:08 AM

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L217	138027	"9532762").PN. color near2 (code or coded or coding)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L218	295554	quality near3 (value or variable or characteristic or parameter or metric)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L219	126	L217 with L218	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L220	7	L219 and L207	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L221	2	("2014/0031688").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
L222	12	("20020072670"   "20050033173"   "20070078344"   "20100168573"   "20100249591"   "20100249592"   "20130225986"   "5873830"   "6508768"   "6558324"   "7223241"   "8235900").PN. OR ("9392995").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:08 AM
L223	334662	(region or roi) with (outline or border or boundary)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L224	5848	L223 and L199	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L225	7080	(graphic\$4 or overlay\$3 or overlaid or superimpos\$3 or icon) with L223	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L226	5848	L224 and L199	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L227	2576	L226 and (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L228	558	L225 same (((horizontal or vertical) near2 line) or rectangle or (solid near2 line) or ((dashed or broken) near2 line) or bracket or cross\$1hairs or arc)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM

L229	9	L228 and L199	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L230	119684	g06f3/048,0481,04812, 04817,0484.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L231	69	L228 and L230	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L232	49	("2010/0262907").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
L233	309	("20010040585"   "20010040636"   "20010048447"   "20010055030"   "20020033837"   "20020038257"   "20020044154"   "20020062245"   "20020075280"   "20020087894"   "20020089520"   "20020093567"   "20020101396"   "20020122038"   "20020135601"   "20020143826"   "20020171644"   "20020180801"   "20030006995"   "20030007006"   "20030048447"   "20030052896"   "20030052900"   "20030061211"   "20030076363"   "20030100326"   "20030103063"   "20030105795"   "20030112503"   "20030118223"   "20030137525"   "20030151625"   "20030151626"   "20030174146"   "20030179198"   "20030179219"   "20030179237"   "20030196114"   "20030210281"   "20030227556"   "20030231177"   "20040026521"   "20040056869"   "20040056898"   "20040111332"   "20040125138")	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:08 AM

	"20040150664" "20040194014" "20040217979" "20040240709" "20040257375" "20040257380" "20050041046" "20050134610" "20050259118" "20050278378" "20050285861" "20060022955" "20060026521" "20060033762" "20060036629" "20060059432" "20060082901" "20060098028" "20060139375" "20060192780" "20060214951" "20070033543" "20070064018" "20070097109" "20090141044" "20090147023" "20090172587" "20090265656" "20090284542" "20100026718" "20100033503" "20100045702" "20100201785" "20100208968" "3201546"   "3704938" "3739739"   "3762799" "4581647"   "4630110" "4688181"   "4757616" "4790028"   "4800379" "4885702"   "4888713" "4970028"   "4985849" "4992866"   "5031918" "5048077" "5175808").PN. OR ("5185599"   "5185667"   "5200818"   "5206721"   "5227771"   "5250934"   "5258837"   "5269687"   "5275019"   "5309279"   "5321807"   "5329310"   "5341466"   "5369527"   "5416900"   "5432895"   "5451998"   "5459488"   "5473740"   "5521634"   "5523783"   "5528289"   "5539534"   "5581670"   "5583977"   "5588098"   "5594859"   "5596690"					
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		"5598297"	"5610653"					
		"5613032"	"5638523"					
		"5644758"	"5651107"					
		"5652851"	"5657246"					
		"5670984"	"5680524"					
		"5682489"	"5689287"					
		"5689628"	"5721853"					
		"5729673"	"5731805"					
		"5742272"	"5745166"					
		"5751289"	"5754348"					
		"5764139"	"5786814"					
		"5798752"	"5808670"					
		"5812111"	"5818455"					
		"5848231"	"5852440"					
		"5872922"	"5909219"					
		"5923364"	"5926209"					
		"5949430"	"5950216"					
		"5959605"	"5969706"					
		"5973694"	"5991877"					
		"5999879"	"6005611"					
		"6037939"	"6052110"					
		"6057844"	"6064401"					
		"6067372"	"6072501"					
		"6073036"	"6075531"					
		"6081277"	"6084598"					
		"6091771"	"6108005"					
		"6128024"	"6133914"					
		"6147709"	"6154840"					
		"6160553"	"6184859"					
		"6198484"	"6201546"					
		"6201548"	"6204845"					
		"6204850"	"6212577"					
		"6215491"	"6219052"					
		"6241609"	"6246411"					
		"6249281"	"6256043"					
		"6256115"	"6256737"					
		"6266082"	"6271854"					
		"6278443"	"6278450"					
		"6288702"	"6304271"					
		"6307612"	"6320599"					
		"6337709"	"6346938"					
		"6346962"	"6359615"					
		"6381583"	"6384849"					
		"6392661"	"6396648"					
		"6396962"	"6400848"					
		"6407747"	"6411274"					
		"6416186"	"6417867"					
		"6438576"	"6487497"					
		"6491585")	PN. OR					
		("6504535"	"6515663"					
		"6515678"	"6522341"					
		"6523024"	"6542191"					
		"6552737"	"6559813"					
		"6577311"	"6577319"					
		"6584237"	"6590568"					
		"6590583"	"6608631"					
		"6612930"	"6631205"					
		"6633305"	"6690387"					

		"6704034"   "6720971"   "6721655"   "6727910"   "6731285"   "6731315"   "6744430"   "6747610"   "6747611"   "6760020"   "6768497"   "6798412"   "6833843"   "6842175"   "6874126"   "6882755"   "6906643"   "6911975"   "6919921"   "6924822"   "6938218"   "6956590"   "6961071"   "6975335"   "6985865"   "7038680"   "7055095"   "7071971"   "7084886"   "7088364"   "7106349"   "7133054"   "7134092"   "7158878"   "7173633"   "7173636"   "7194697"   "7197718"   "7197719"   "7213214"   "7233942"   "7246109"   "7256801"   "7274381"   "7275219"   "7280105"   "7283141"   "7310619"   "7312806"   "7321824"   "7411610"   "7423660"   "7443396"   "7450114"   "7472354"   "7486302"   "7489321"   "7493572"   "7495678"   "7580036"   "7667699"   "7698653"   "7714859"   "7737976"   "7761713"   "7773101").PN. OR ("8416266").URPN.					
L234	16039	(deep near3 learning) with (neural near3 network)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L235	395037	image near2 (correlat\$3 or compar\$4 or match\$3)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L236	89	L234 with L235	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L237	7	L236 and L199	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L238	13	L236 and medical	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L239	24	("20100215245" "20100 321324" "6063030" "20 080196506" "20100260 383" "5831632" "64360 40" "7106479" "804670 7" "8343053" "2009030	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM

L240	136	6514 "6468212 "2004 0207661 "2012010897 1 "20080171939").PN. ("6063030").URPN.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
L241	58	("20070061726"   "20070276234"   "20080161688"   "4945305"   "6063030"   "6214029"   "6216029"   "6290649"   "6775404").PN. OR ("8303502").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:08 AM
L242	2	"37856778".FMID.	(US-PGPUB; USPAT; FPRS)	OR	ON	ON	2020/07/06 11:08 AM
L243	9	("20020119432"   "20050041282"   "20050078790"   "20060052689"   "20070032720"   "20080269606"   "7594188"   "7648461").PN. OR ("7889227").URPN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2020/07/06 11:08 AM
L244	4	("2010/0260383").URP N.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
L245	10	((("GENERAL") near3 ("ELECTIC") near3 ("COMPANY"))).AS,AA NM.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
L246	169	((("SPECHT") near3 ("Tanya")) OR (("HALMANN") near3 ("Menachem")) OR (("SOKULIN") near3 ("Alexander")) OR (("LYSYANSKY") near3 ("Peter")) OR (("OWEN") near3 ("Cynthia")) OR (("OGURTSOV") near3 ("Sergey"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/06 11:08 AM
L247	179	L245 L246	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L248	731831	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L249	266075	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L250	31735	L248 with L249	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2020/07/06 11:08 AM

L251	6	L247 and L250	JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L252	4	"20090069692"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L253	138027	color near2 (code or coded or coding)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L254	334662	(region or roi) with (outline or border or boundary)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L255	553	L253 same L254	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L256	483	L255 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L257	37734	a61b8/00,08,5269,463, 469,5207,5212,54,13.c pc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L258	38594	g06t7/0012.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L259	74417	L257 L258	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L260	89	L256 and L259	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L261	380604	quality near3 (value or variable or characteristic or parameter or attribute or level)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L262	731831	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L263	53087	L261 same L262	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L264	119	L263 same L254	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L265	17	L264 and L259	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L266	397801	quality near3 (value or variable or characteristic or parameter or attribute or level or score or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM

L267	53087	scoring) L266 same L263	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L268	119	L267 same L254	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L269	108	L268 and @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L270	185	L253 with L254	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L271	29	L270 and L259	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L272	19	L271 and L258	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L273	10	((("GENERAL") near3 ("ELECTIC") near3 ("COMPANY"))).AS,AA NM.	(USPAT)	OR	ON	ON	2020/07/06 11:08 AM
L274	169	((("SPECHT") near3 ("Tanya")) OR (("HALMANN") near3 ("Menachem")) OR (("SOKULIN") near3 ("Alexander")) OR (("LYSYANSKY") near3 ("Peter")) OR (("OWEN") near3 ("Cynthia")) OR (("OGURTSOV") near3 ("Sergey"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/06 11:08 AM
L275	179	L273 L274	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L276	731831	(acquisition or data or image) near2 quality	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L277	266075	quality near3 (value or variable or characteristic or parameter)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L278	31735	L276 with L277	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L279	6	L275 and L278	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L280	74	L278 same L254	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2020/07/06 11:08 AM

L281	1	L280 and L275	JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2020/07/06 11:08 AM
L282	2	("9072493" OR "9489921").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/19 11:48 AM
L283	2	("6670963" OR "7424147").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/19 11:50 AM
L284	185	((("SPECHT") near3 ("Tanya")) OR (("HALMANN") near3 ("Menachem")) OR (("SOKULIN") near3 ("Alexander")) OR (("LYSYANSKY") near3 ("Peter")) OR (("OWEN") near3 ("Cynthia")) OR (("OGURTSOV") near3 ("Sergey"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2022/05/19 02:10 PM
L285	32535	L276 with L277	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:10 PM
L287	43564	a61b8/5269,46,461,463 ,465,468,469,52,54.cpc.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN)); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:12 PM
L288	9	L275 and L278	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:12 PM
L289	2	("6670963" OR "7424147").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/19 02:12 PM
L290	99380	g06t7/0012,0014.cpc.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK,	OR	ON	ON	2022/05/19 02:13 PM

L291	9255091	(quality OR acceptab\$5 OR good\$4) WITH (level OR value OR parameter OR test\$3)	TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:15 PM
L292	139331	287 290	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:16 PM
L293	18227	292 AND 291	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:16 PM
L294	1184715	(quality OR acceptab\$5) WITH (acqui\$6 OR image OR data) WITH (measur\$5 OR level OR value OR parameter)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO,	OR	ON	ON	2022/05/19 02:17 PM

L295	1010573	291 same2 294	MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)  (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:18 PM
L296	9054	295 AND 292	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:18 PM
L297	1182399	(display\$3 OR graphic\$4 OR icon OR color OR bar OR meter OR line) WITH 291	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:19 PM
L298	225254	297 same2 294	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	OR	ON	ON	2022/05/19 02:19 PM

L299	1956	298 AND 292	HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:20 PM
L300	141	color\$1cod\$3 AND 299	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:20 PM
L301	104	300 AND @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:21 PM
L302	12	"51266252".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP,	OR	ON	ON	2022/05/19 02:24 PM

			AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)				
L303	4	("2015/0116361").urpn. AND (PGPB   USPT   USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/05/19 02:29 PM
L304	14	("6272233"   "8879813"   "20050251013"   "20070258631"   "20110170755"   "20110228997"   "20110246521"   "20120008838"   "20130190600"   "20150116361"   "20170273669"   "20170372155"   "20180144214"   "20180225820").pn. AND (PGPB   USPT   USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/05/19 02:30 PM
L305	28	"35219622".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)	OR	ON	ON	2022/05/19 02:31 PM
L306	1991	g09b23/286.cpc.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK,	OR	ON	ON	2022/05/19 02:52 PM

L307	1991	g09b23/286.cpc.	TH, TN, TR, TW, UA, VN); FPRS; JPO) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:52 PM
L308	141064	307 292	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 02:52 PM
L309	529689	(display\$3 OR graphic\$4 OR feedback) WITH 291	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 03:05 PM
L310	128793	309 SAME (line OR bar OR color OR color\$1bar OR color\$1cod\$3 OR icon OR meter)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL,	OR	ON	ON	2022/05/19 03:06 PM

L311	1511565	(quality OR acceptab\$5 OR feedback) WITH (acqui\$6 OR image OR data OR scan\$4) WITH (measur\$5 OR level OR value OR parameter)	PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 03:08 PM
L312	49101	310 AND 311	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 03:08 PM
L313	6	312 AND 307	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 03:08 PM
L314	4	"20100179428".pn	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	OR	ON	ON	2022/05/19 03:09 PM

L315	471	312 AND 308	IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB) (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 03:10 PM
L316	275	315 AND @ad<="20170428"	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 03:10 PM
L317	6	"62488020".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)	OR	ON	ON	2022/05/19 03:18 PM
L318	6	"44794598".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	OR	ON	ON	2022/05/19 03:37 PM

L319	9	"48915292".fmid.	EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)	OR	ON	ON	2022/05/19 03:48 PM
L320	6	"48797772".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)	OR	ON	ON	2022/05/19 03:49 PM
L321	2	"45422324".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)	OR	ON	ON	2022/05/19 03:56 PM
L322	10	"42099509".fmid.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)	OR	ON	ON	2022/05/19 03:58 PM

L323	2	"41465558".fmid.	HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; JPO)	OR	ON	ON	2022/05/19 03:59 PM
L324	14	("2013/0190600").urpn. AND (PGPB   USPT   USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/05/19 05:46 PM
L325	12	color\$1bar SAME (quality WITH (parameter OR value OR measur\$5 OR determin\$5 OR indicat\$3 OR represent\$5 OR index))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/05/19 06:08 PM
L326	2210	(color\$1bar OR color\$1cod\$3) SAME (quality WITH (parameter OR value OR measur\$5 OR determin\$5 OR indicat\$3 OR represent\$5 OR index OR signal OR image OR data OR acquisition))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)	OR	ON	ON	2022/05/19 06:10 PM
L327	159	326 AND 308	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO,	OR	ON	ON	2022/05/19 06:10 PM

L328	13	("6725074"   "20070100126"   "20080130970"   "20160038122"   "20180101644"   "20180198702"   "20180271614"   "20180310920"   "20190122073"   "20190192229"   "20190266716"   "20190287241"   "20190307393").pn. AND (PGPB   USPT   USOC).dbnm.	MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; IBM_TDB)  (US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/05/19 06:17 PM
L329	10	("2013/0002264").urpn. AND (PGPB   USPT   USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/05/19 06:45 PM

**PE2E SEARCH - Search History (Interference)**

There are no Interference searches to show.