

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|--|------------------|---------|---------------------|
| L2    | 34    | ((receiv\$4) near15 (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near15 (signal or transmission or report or data) near20 (presence) near20 (special or limited or distinct\$5 or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) )                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2015/05/26<br>21:50 |
| L3    | 46    | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2015/05/26<br>21:50 |
| L4    | 41178 | 455/456.4.ccls. or 455/555.ccls. or 455/408.ccls. or 455/432.2.ccls. or 455/406.ccls. or 455/458.ccls. or 455/414.1.ccls. or 455/446.ccls. or 455/456.1.ccls. or 455/433.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2015/05/26<br>21:51 |
| L5    | 43    | ((receiv\$4 or send\$4 or transmit\$4) near20 (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near20(signal or transmission or report or data) near20 (presence) near20 (special or limited or distinct\$5 or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) ) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2015/05/26<br>21:52 |
| L6    | 1     | "14561426"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2015/05/26<br>21:52 |
| L7    | 7     | l5 and @ad< "20060328"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2015/05/26<br>21:53 |
| L8    | 0     | l7 and l3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;                                     | ADJ              | ON      | 2015/05/26<br>21:53 |

EAST Search History

|    |    |               |  |     |    |                     |
|----|----|---------------|--|-----|----|---------------------|
|    |    |               | EPO; JPO;<br>DERWENT;<br>IBM_TDB   |     |    |                     |
| L9 | 2  | l7 and l4     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/05/26<br>21:53 |
| S1 | 29 | "6334052"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/26<br>17:50 |
| S2 | 5  | "6785536"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/26<br>17:55 |
| S3 | 20 | "6826414"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/26<br>17:56 |
| S4 | 4  | "20020094801" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>08:40 |
| S5 | 4  | "2000027152"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>08:42 |
| S6 | 4  | "7212804"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>08:44 |
| S7 | 3  | "20080004045" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>09:17 |
| S8 | 3  | "20030092450" | US-PGPUB;<br>USPAT;  | ADJ | ON | 2011/09/28<br>09:20 |

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|-----|-------|---|--|-----|----|---------------------|
|     |       |   | USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                        |     |    |                     |
| S9  | 14589 | (special or distint or different or preferred or discount) near10 (service or tarrif or rate) near10 (area or coverage)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>09:27 |
| S10 | 2969  | (special or distint or different or preferred or discount) near10 (service or tarrif or rate) near10 (area or coverage) same (signal or code or identifier or identification or parameter or flag)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>09:29 |
| S11 | 607   | (special or distint or different or preferred or discount) near10 (service or tarrif or rate) near10 (area or coverage) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>09:30 |
| S12 | 236   | (special or distint or different or preferred or discount) near10 (service or tarrif or rate) near10 (area or coverage) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP) and monitor                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>09:30 |
| S13 | 308   | (special or distint or different or preferred or discount) near10 (service or tarrif or rate) near10 (area or coverage) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP) and (monitor or presence)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>09:31 |
| S14 | 52    | (special or distint or different or preferred or discount) near10 (service or tarrif or rate) near10 (area or coverage) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP) and (monitor or presence) and multimedia | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>09:31 |
| S15 | 1006  | (special or distint or different or preferred or discount) near20 (service or tarrif or rate or billing or charg\$3 or zone) near20 (area or coverage) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:44 |
| S16 | 399   | S15 not S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:44 |

## EAST Search History

|     |     |   |  |     |    |                     |
|-----|-----|---|--|-----|----|---------------------|
| S17 | 16  | S16 and special service                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:45 |
| S18 | 18  | S16 and (special or distinct) (service or zone)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:45 |
| S19 | 19  | S16 and (special or distinct) (service or zone or area) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:45 |
| S20 | 313 | 455/456.4.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:48 |
| S21 | 6   | "lafuente, carlos".inv.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:48 |
| S22 | 1   | S20 and S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:49 |
| S23 | 16  | "6625442"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:49 |
| S24 | 20  | "6516193"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/28<br>10:52 |
| S25 | 5   | "6785536"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;                        | ADJ | ON | 2011/09/30<br>18:40 |

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|     |      |  | DERWENT;<br>IBM_TDB  |     |    |                     |
| S26 | 6    | "6920317"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2011/09/30<br>18:42 |
| S27 | 1182 | (special or limited or distinct or different or preferred or discount or home) near10 (service or tariff or rate) near10 (area or coverage or location or zone) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP or device) same (wireless or mobile) and (monitor or presence)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2012/06/21<br>10:39 |
| S28 | 15   | (special or limited or distinct or different or preferred or discount or home) near10 (service or tariff or rate) near10 (area or coverage or location or zone) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP or device) same (wireless or mobile) and (monitor or presence) near10 (mobile or wireless) (station or device or phone) near10 (determin\$4 or recogniz\$4 or realiz\$3 or check\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2012/06/21<br>10:44 |
| S29 | 368  | 455/456.4.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2012/06/21<br>11:35 |
| S30 | 6    | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2012/06/21<br>11:36 |
| S31 | 15   | (special or limited or distinct or different or preferred or discount or home) near10 (service or tariff or rate) near10 (area or coverage or location or zone) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP or device) same (wireless or mobile) and (monitor or presence) near10 (mobile or wireless) (station or device or phone) near10 (determin\$4 or recogniz\$4 or realiz\$3 or check\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2012/06/21<br>11:36 |
| S32 | 0    | S31 and S29  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;            | ADJ | ON | 2012/06/21<br>11:36 |

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|     |     |   | IBM_TDB  |     |    |                  |
| S33 | 18  | (special or limited or distinct or different or preferred or discount or home) near10 (service or tariff or rate) near10 (area or coverage or location or zone) same (signal or code or identifier or identification or parameter or flag) same ((base station) or cell or AP or device) same (wireless or mobile) and (monitor or presence) near10 (mobile or wireless) (station or device or phone) near10 (determine\$4 or recognize\$4 or realize\$3 or check\$3)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2012/06/25 01:08 |
| S34 | 6   | "lafuente, carlos".inv.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2012/06/25 01:10 |
| S35 | 1   | S33 and S34   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2012/06/25 01:10 |
| S36 | 1   | "12294641"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2012/06/25 18:36 |
| S37 | 771 | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leave\$4 or detect\$4 or identify\$4 or determine\$4 or recognize\$4 or realize\$3 or check\$3) near10 (special or limited or distinct or different or preferred or discount or home) near10 ((service or tariff or rate) or (area or coverage or location or zone)) same (send\$4 or transmit\$5 or transmit\$6) near10 (signal or code or identifier or identification or parameter or flag or message\$3) same ((base station) or cell or AP or device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2013/06/01 12:34 |
| S38 | 211 | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leave\$4 or detect\$4 or identify\$4 or determine\$4 or recognize\$4 or realize\$3 or check\$3) near10 (special or limited or distinct or different or preferred or discount or home) near5 ((service or tariff or rate) or (area or coverage or location or zone)) near10 (send\$4 or transmit\$5 or transmit\$6) near10 (signal or code or identifier or identification or parameter   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2013/06/01 12:38 |

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|     |     | or flag or messag\$3) near10 ((base station) or cell or AP or device or network)   |  |     |     |                  |
| S39 | 150 | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near10 (special or limited or distint or different or preferred or discount or home) near5 ((service or tarrif or rate) or (area or coverage or location or zone)) near10 (send\$4 or transmit\$5 or transmi\$6) near10 (signal or code or identifier or identification or parameter or flag or messag\$3) near10 ((base station) or cell or AP or device or network) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2013/06/01 12:49 |
| S40 | 1   | "12294641"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2013/06/01 13:53 |
| S41 | 30  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near5 ((service or tarrif or rate) or (area or coverage or location or zone)) near10 (send\$4 or transmit\$5 or transmi\$6) near10 (signal or code or identifier or identification or parameter or flag or messag\$3) near10 ((base station) or cell or AP or device or network)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2013/06/01 19:14 |
| S42 | 771 | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) same (send\$4 or transmit\$5 or transmi\$6) near10 (signal or code or identifier or identification or parameter or flag or messag\$3) same ((base station) or cell or AP or device)               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2013/06/01 19:20 |
| S43 | 106 | S42 and (location or zone or area) service   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2013/06/01 19:20 |
| S44 | 11  | (mobile or wireless or electronic or   | US-PGPUB;  | ADJ | ON  | 2013/06/01       |

|     |     |  |  |     |    |                     |
|-----|-----|--|--|-----|----|---------------------|
|     |     | communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) (area or coverage or location or zone)) same (send\$4 or transmit\$5 or transmi\$6) near10 (signal or code or identifier or identification or parameter or flag or messag\$3)  | USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |     |    | 19:29               |
| S45 | 19  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) near5 (area or coverage or location or zone)) same (send\$4 or transmit\$5 or transmi\$6) near10 (signal or code or identifier or identification or parameter or flag or messag\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>19:30 |
| S46 | 81  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) near5 (area or coverage or location or zone)) and (LBS or (location near6 service))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>19:36 |
| S47 | 81  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) near5 (area or coverage or location or zone)) and (LBS or ((location or geo\$6) near6 service))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>19:36 |
| S48 | 128 | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) near5 (area or coverage or location or zone))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>19:59 |
| S49 | 39  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) near5 (area or coverage or location or zone)) same (report\$4 or send\$4 or transmi\$5 or notify\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>20:01 |

|     |      |  |  |     |    |                     |
|-----|------|--|--|-----|----|---------------------|
| S50 | 128  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) near10 (presence or enter\$4 or exit\$4 or leav\$4) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) near5 (area or coverage or location or zone))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>20:05 |
| S51 | 89   | S50 not S49  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>20:07 |
| S52 | 3    | "2008171531"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>22:55 |
| S53 | 2    | "20080171531"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>22:55 |
| S54 | 29   | (US-20020094801-\$ or US-20080004045-\$ or US-20030092450-\$ or US-20080261604-\$ or US-20050148297-\$ or US-20050075124-\$ or US-20040224682-\$ or US-20040192267-\$ or US-20100167725-\$ or US-20080171531-\$).did. or (US-6334052-\$ or US-6625442-\$ or US-6785536-\$ or US-6826414-\$ or US-7778652-\$ or US-7142869-\$ or US-7171189-\$ or US-6836653-\$ or US-6516193-\$ or US-6671506-\$ or US-7634255-\$ or US-7266366-\$ or US-6920317-\$ or US-6516190-\$).did. or (WO-2007009297-\$).did. or (WO-0027152-\$ or WO-9858505-\$ or WO-2007014714-\$ or JP-2000050335-\$).did. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                                     | ADJ | ON | 2013/06/01<br>23:06 |
| S55 | 9    | S54 and (enter\$4 or exit\$4 or leav\$4) same (zone or (service area))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>23:07 |
| S56 | 3822 | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near10 (special or limited or distint or  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>23:12 |

|     |       |  |  |     |    |                     |
|-----|-------|--|--|-----|----|---------------------|
|     |       | different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) same (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5)   |  |     |    |                     |
| S57 | 1223  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) same (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5) and (zone or (service area) or LSA) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>23:14 |
| S58 | 197   | S57 and (enter\$4 or exit\$4) near10 (zone or (service area))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/01<br>23:16 |
| S59 | 6     | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/02<br>23:49 |
| S60 | 22527 | 455/456.4.ccls. or 455/555.ccls. or 455/408.ccls. or 455/432.2.ccls. or 455/406.ccls. or 455/458.ccls. or 455/414.1.ccls. or 455/446.ccls. or 455/456.1.ccls. or 455/433.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/02<br>23:51 |
| S61 | 1222  | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near10 (special or limited or distint or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) same (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5) and (zone or (service area) or LSA) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/02<br>23:52 |
| S62 | 197   | S61 and (enter\$4 or exit\$4) near10 (zone or (service area))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/02<br>23:52 |
| S63 | 0     | S62 and S59  | US-PGPUB;<br>USPAT;<br>USOCR;  | ADJ | ON | 2013/06/02<br>23:52 |

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|     |       |  | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  |     |    |                     |
| S64 | 59    | S62 and S60  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2013/06/02<br>23:52 |
| S65 | 1     | "12294641"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                                     | ADJ | ON | 2014/01/06<br>23:30 |
| S66 | 1     | S65 and updating signal  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                                     | ADJ | ON | 2014/01/06<br>23:30 |
| S67 | 1     | S65 and updating signal same (period\$5 or enter\$4 or exit\$4)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                                     | ADJ | ON | 2014/01/06<br>23:46 |
| S68 | 1     | S65 and updating signal and (period\$5 or enter\$4 or exit\$4)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                                     | ADJ | ON | 2014/01/06<br>23:50 |
| S69 | 1     | S65 and updating signal and (periodically or enter\$4 or exit\$4)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                                     | ADJ | ON | 2014/01/07<br>00:31 |
| S70 | 1     | "12294641"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                                     | ADJ | ON | 2014/01/20<br>18:22 |
| S71 | 24    | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>19:24 |
| S72 | 30466 | 455/456.4.ccls. or 455/555.ccls. or 455/408.ccls. or 455/432.2.ccls. or 455/406.ccls. or 455/458.ccls. or 455/414.1.ccls. or 455/446.ccls. or 455/456.1.ccls. or 455/433.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>19:25 |
| S73 | 987   | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near15 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>19:27 |

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|     |     | transmi\$6 or report\$5 or notify\$5 or signal\$4) and (zone or (service area) or LSA)  |  |     |    |                  |
| S74 | 247 | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near15 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) same (memory or stor\$4) near10 (data or check\$4 or identifier or identification)        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2014/01/20 19:32 |
| S75 | 42  | ((mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (presence or enter\$4 or exit\$4 or leav\$4 or detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or realiz\$3 or check\$3) near15 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) same (memory or stor\$4) near10 (data or check\$4 or identifier or identification)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2014/01/20 19:34 |
| S76 | 1   | S74 and S71   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2014/01/20 19:34 |
| S77 | 60  | S74 and S72   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2014/01/20 19:34 |
| S78 | 48  | S77 not S75   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2014/01/20 20:05 |
| S79 | 13  | S78 and (special or limited or preferred or discount\$4) near5 (area or zone or service)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2014/01/20 20:06 |
| S80 | 2   | (mobile or wireless or electronic or  | US-PGPUB;  | ADJ | ON | 2014/01/20       |

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|     |       | communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near15 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near15 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near10 (periodically or enter\$4 or exit\$4 or leav\$4 or presence) near5 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) (area or coverage or location or zone))   | USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |     |    | 23:05               |
| S81 | 19    | (mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near30 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near20 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near10 (periodically or enter\$4 or exit\$4 or leav\$4 or presence) near10 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>23:13 |
| S82 | 24    | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>23:27 |
| S83 | 30466 | 455/456.4.ccls. or 455/555.ccls. or 455/408.ccls. or 455/432.2.ccls. or 455/406.ccls. or 455/458.ccls. or 455/414.1.ccls. or 455/446.ccls. or 455/456.1.ccls. or 455/433.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>23:27 |
| S84 | 1     | S81 and S82  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>23:27 |
| S85 | 6     | S81 and S83  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;                                     | ADJ | ON | 2014/01/20<br>23:27 |

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|     |    |   | EPO; JPO;<br>DERWENT;<br>IBM_TDB   |     |    |                     |
| S86 | 4  | ((mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near30 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near20 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near10 (periodically or enter\$4 or exit\$4 or leav\$4 or presence) near10 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/01/20<br>23:30 |
| S93 | 3  | "12294641"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/09/19<br>13:31 |
| S94 | 1  | "14250517"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/09/19<br>13:33 |
| S95 | 4  | "8723664"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>17:31 |
| S96 | 0  | wo0103372   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>17:36 |
| S97 | 0  | wo01003372  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>17:37 |
| S98 | 28 | "200103372"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;                        | ADJ | ON | 2014/10/15<br>17:37 |

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|      |    |   | DERWENT;<br>IBM_TDB  |     |    |                     |
| S99  | 61 | "0103372"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>17:37 |
| S100 | 64 | "6334052"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>17:40 |
| S101 | 81 | "6826414"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>17:59 |
| S102 | 1  | "14250517"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>18:22 |
| S103 | 1  | S102 and outside near10 special area  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>18:22 |
| S104 | 1  | S102 and send\$4 near10 updat\$3 signal   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>18:25 |
| S105 | 0  | S102 and updat\$4 near5 signal same presence and periodically and (enter\$4 or exit\$4) and remain\$4 near10 (in or outside) near5 area | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>18:29 |
| S106 | 0  | S102 and updat\$4 near5 signal same presence and periodically and (enter\$4 or exit\$4) and remain\$4 near10 (in or outside) area       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>18:30 |
| S107 | 1  | S102 and updat\$4 near5 signal same presence and periodically and (enter\$4 or exit\$4) and (in or outside) near10                      | US-PGPUB;<br>USPAT;<br>USOCR;  | ADJ | ON | 2014/10/15<br>18:30 |

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|      |       | area   | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  |     |    |                     |
| S108 | 1     | S102 and updat\$4 near5 signal same presence and periodically and (enter\$4 or exit\$4) and ( outside) near10 area   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>18:56 |
| S109 | 33    | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>23:16 |
| S110 | 6     | ((mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near30 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near20 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near20 (periodically or enter\$4 or exit\$4 or leav\$4 or presence or outside) near10 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>23:29 |
| S111 | 57220 | 455/456.4.ccls. or 455/555.ccls. or 455/408.ccls. or 455/432.2.ccls. or 455/406.ccls. or 455/458.ccls. or 455/414.1.ccls. or 455/446.ccls. or 455/456.1.ccls. or 455/433.ccls. or (H04W64/00).CPC.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>23:30 |
| S112 | 27    | ((mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near30 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near20 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near20 (periodically or enter\$4 or exit\$4 or leav\$4 or presence or outside) near10 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) or (area or                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>23:30 |

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|      |   | coverage or location or zone)))                                 |  |     |    |                     |
| S113 | 3 | S112 and S109   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>23:32 |
| S114 | 9 | S112 and S111   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/15<br>23:32 |
| S122 | 2 | "14250517"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/30<br>18:54 |
| S123 | 0 | S122 and update same outside same special area                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/30<br>18:55 |
| S124 | 2 | S122 and outside same special area                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/30<br>18:55 |
| S125 | 2 | S122 and updat\$4 signal and outside same special area          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/30<br>19:11 |
| S126 | 2 | S122 and outside same special area                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/30<br>19:26 |
| S127 | 2 | S122 and outside and updat\$4                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2014/10/30<br>19:29 |
| S128 | 2 | S122 and (outside or out) and (send\$4 or sent) near10 updat\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;                                     | ADJ | ON | 2014/10/30<br>19:42 |

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|      |       |  | EPO; JPO;<br>DERWENT;<br>IBM_TDB   |     |    |                     |
| S129 | 3     | "14250517"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/01/28<br>15:50 |
| S130 | 3     | S129 and special area and distinctive signal   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/01/28<br>15:51 |
| S131 | 2     | ((mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near30 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near20 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) same (sum or intersect\$) same (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near10 (periodically or enter\$4 or exit\$4 or leav\$4 or presence) near10 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/02/27<br>11:36 |
| S132 | 43    | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/02/27<br>11:36 |
| S133 | 39304 | 455/456.4.ccls. or 455/555.ccls. or 455/408.ccls. or 455/432.2.ccls. or 455/406.ccls. or 455/458.ccls. or 455/414.1.ccls. or 455/446.ccls. or 455/456.1.ccls. or 455/433.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/02/27<br>11:37 |
| S138 | 4     | "8934922"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>07:03 |
| S139 | 45    | "lafuente, carlos".inv.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;                                     | ADJ | ON | 2015/03/29<br>09:08 |

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|------|-------|--|--|-----|----|---------------------|
|      |       |  | EPO; JPO;<br>DERWENT;<br>IBM_TDB   |     |    |                     |
| S140 | 9     | ((mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near30 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near20 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near20 (periodically or enter\$4 or exit\$4 or leav\$4 or presence or outside) near10 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:10 |
| S141 | 32    | ((mobile or wireless or electronic or communication) (station or device or phone or terminal or equipment) same (receiv\$4) near5 (signal or transmission or broadcast or data) near30 (detect\$4 or identify\$4 or determin\$4 or recogniz\$4 or presence) near20 (special or limited or distinct\$5 or different or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)) near20 (send\$4 or transmit\$5 or transmi\$6 or report\$5 or notify\$5 or signal\$4) near20 (periodically or enter\$4 or exit\$4 or leav\$4 or presence or outside) near10 (special or limited or distinct\$5 or preferred or discount or home) near10 ((service or tarrif or rate) or (area or coverage or location or zone)))      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:11 |
| S142 | 40074 | 455/456.4.ccls. or 455/555.ccls. or 455/408.ccls. or 455/432.2.ccls. or 455/406.ccls. or 455/458.ccls. or 455/414.1.ccls. or 455/446.ccls. or 455/456.1.ccls. or 455/433.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:17 |
| S143 | 7     | S141 and S139  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:17 |
| S144 | 13    | S141 and S142  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:17 |

EAST Search History

|      |    |  |  |     |    |                     |
|------|----|--|--|-----|----|---------------------|
| S145 | 57 | ("20020094801"   "20030092450"  <br>"20040192267"   "20040224682"  <br>"20050075124"   "20050148297"  <br>"20080004045"   "20080261604"  <br>"20100167725"   "6334052"   "6516190"<br>"6516193"   "6625442"   "6671506"  <br>"6785536"   "6826414"   "6836653"  <br>"6920317"   "7142869"   "7171189"  <br>"7266366"   "7634255"   "7778652"  <br>"8723664").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:20 |
| S146 | 0  | S141 and S145  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:20 |
| S148 | 13 | "8723664"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:31 |
| S149 | 61 | "0103372"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/03/29<br>09:33 |
| S150 | 1  | "14561426"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2015/05/26<br>20:12 |

5/ 26/ 2015 10:04:53 PM

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