

Comparison: Claim 1 of the '608 Patent Compared to Claims 7, 13, and 19 of the '608 Patent

~~Deletions reflect deletions from Claim 1 of the '608 Patent~~; Additions reflect text added to Claims 7, 13, and/or 19 of the '608 Patent

'608 Patent Claim 1 Limitation [1.P]	'608 Patent Claim 7 Limitation [7.P]
A payment module for an offline payment-operated machine including a coin receiving switch, the payment module comprising:	A payment—module <u>method</u> for <u>accepting electronic payments at</u> an offline payment-operated machine including a coin receiving switch , the payment module <u>method</u> comprising:
Limitation [1.1]	Limitation [7.1]
a short-range wireless transceiver configured to communicate with one or more mobile devices;	<u>at a payment module with one or more processors, memory,</u> a short-range wireless transceiver configured to communicate with one or more mobile devices;
Limitation [1.2]	N/A
one or more processors;	one or more processors;
Limitation [1.3]	Limitation [7.2]
a first interface module configured to output to a control unit of the offline payment-operated machine one or more electrical pulses, each of the one or more electrical pulses emulating an analog signal generated by the coin receiving switch of the offline payment-operated machine in response to insertion of a single coin of a predetermined type in the offline payment-operated machine; and	a first interface module configured to output to a control unit of the offline payment-operated machine one or more electrical pulses, each of the one or more electrical pulses emulating an analog signal generated by the <u>a</u> coin receiving switch of the offline payment-operated machine in response to insertion of a single coin of a predetermined type in the offline payment-operated machine; and
Limitation [1.4]	N/A
memory with one or more programs for execution by the one or more	memory with one or more programs for execution by the one or more

processors, the one or more programs including instructions for:	processors, the one or more programs including instructions for:
Limitation [1.4(a)]	Limitation [7.3]
storing, in the memory of the payment module, a number of the electrical pulses that must be received by the control unit to initiate an operation of the offline payment operating machine;	storing, in the memory of the payment module, a number of the electrical pulses that must be received by the control unit to initiate an operation of the offline payment operating machine;
Limitation [1.4(b)]	Limitation [7.4]
receiving a wireless request via the short-range wireless transceiver from a respective mobile device of the one or more mobile devices to initiate a cashless operation of the offline-payment operated machine; and	receiving a wireless request via the short-range wireless transceiver from a respective mobile device of the one or more mobile devices to initiate a cashless operation of the offline-payment operated machine; and
Limitation [1.4(c)]	Limitation [7.5]
in response to the wireless request:	in response to the wireless request:
Limitation [1.4(c)(i)]	Limitation [7.5(a)]
determining a first number of electrical pulses to output via the first interface module to the control unit of the offline payment-operated machine in order to initiate the requested cashless operation of the offline payment-operated machine;	determining a first number of electrical pulses to output via the first interface module to the control unit of the offline payment-operated machine in order to initiate the requested cashless operation of the offline payment-operated machine;
Limitation [1.4(c)(ii)]	Limitation [7.5(b)]
causing the offline payment-operated machine to initiate the requested cashless operation by issuing the first number of electrical pulses to the control unit via the first interface module; and	causing the offline payment-operated machine to initiate the requested cashless operation by issuing the first number of electrical pulses to the control unit via the first interface module; and

Limitation [1.4(c)(iii)]	Limitation [7.5(c)]
sending operation information corresponding to the initiated operation of the offline payment-operated machine to the respective mobile device via the short-range wireless transceiver.	sending operation information corresponding to the initiated operation of the offline payment-operated machine to the respective mobile device via the short-range wireless transceiver.
'608 Patent Claim 1 Limitation [1.P]	'608 Patent Claim 13 Limitation [13.P]
A payment module for an offline payment-operated machine including	A payment module for an offline payment-operated machine, including comprising: a coin receiving switch, the payment module comprising:
Limitation [1.P Cont'd]	Limitation [13.1]
a coin receiving switch, the payment module comprising:	a coin receiving switch, the payment module comprising: <u>that generates analog signals in response to insertion of a single coin of a predetermined type in the offline payment operated machine;</u>
N/A	Limitation [13.2]
N/A	<u>a control unit;</u>
N/A	Limitation [13.3]
N/A	<u>a payment module that includes;</u>
Limitation [1.1]	Limitation [13.4]
a short-range wireless transceiver configured to communicate with one or more mobile devices;	a short-range wireless transceiver configured to communicate with one or more mobile devices;
Limitation [1.2]	Limitation [13.5]
one or more processors;	one or more processors;
Limitation [1.3]	Limitation [13.6]
a first interface module configured to output to a control unit of the offline payment-operated machine one or more electrical pulses, each of the one or more electrical pulses	a first interface module configured to output to a control unit of the offline payment-operated machine one or more electrical pulses, each of the one or more electrical pulses

emulating an analog signal generated by the coin receiving switch of the offline payment-operated machine in response to insertion of a single coin of a predetermined type in the offline payment-operated machine; and	emulating an analog signal generated by the <u>a</u> coin receiving switch of the offline payment-operated machine in response to insertion of a single coin of a predetermined type in the offline payment-operated machine; and
Limitation [1.4]	Limitation [13.7]
memory with one or more programs for execution by the one or more processors, the one or more programs including instructions for:	memory with <u>storing</u> one or more programs for—execution to <u>be executed</u> by the one or more processors, the one or more programs including <u>comprising</u> instructions for:
Limitation [1.4(a)]	Limitation [13.7(a)]
storing, in the memory of the payment module, a number of the electrical pulses that must be received by the control unit to initiate an operation of the offline payment operating machine;	storing, in the memory of the payment module, a number of the electrical pulses that must be received by the control unit to initiate an operation of the offline payment operating machine;
Limitation [1.4(b)]	Limitation [13.7(b)]
receiving a wireless request via the short-range wireless transceiver from a respective mobile device of the one or more mobile devices to initiate a cashless operation of the offline-payment operated machine; and	receiving a wireless request via the short-range wireless transceiver from a respective mobile device of the one or more mobile devices to initiate a cashless operation of the offline-payment operated machine; and
Limitation [1.4(c)]	Limitation [13.7(b)(i)]
in response to the wireless request:	in response to the wireless request:
Limitation [1.4(c)(i)]	Limitation [13.7(b)(i)]
determining a first number of electrical pulses to output via the first interface module to the control	determining a first number of electrical pulses to output via the first interface module to the control

unit of the offline payment-operated machine in order to initiate the requested cashless operation of the offline payment-operated machine;	unit of the offline payment-operated machine in order to initiate the requested cashless operation of the offline payment-operated machine;
Limitation [1.4(c)(ii)]	Limitation [13.7(b)(ii)]
causing the offline payment-operated machine to initiate the requested cashless operation by issuing the first number of electrical pulses to the control unit via the first interface module; and	causing the offline payment-operated machine to initiate the requested cashless operation by issuing the first number of electrical pulses to the control unit via the first interface module; and
Limitation [1.4(c)(iii)]	Limitation [13.7(b)(iii)]
sending operation information corresponding to the initiated operation of the offline payment-operated machine to the respective mobile device via the short-range wireless transceiver.	sending operation information corresponding to the initiated operation of the offline payment-operated machine to the respective mobile device via the short-range wireless transceiver.
'608 Patent Claim 1 Limitation [1.P]	' 608 Patent Claim 19 Limitation [19.P]
A payment module for an offline payment-operated machine including a coin receiving switch, the payment module comprising:	A payment module for an offline payment-operated machine including a coin receiving switch, the payment module comprising:
Limitation [1.1]	Limitation [19.1]
a short-range wireless transceiver configured to communicate with one or more mobile devices;	a short-range wireless transceiver configured to communicate with one or more mobile devices;
Limitation [1.2]	Limitation [19.2]
one or more processors;	one or more processors;
Limitation [1.3]	Limitations [19.3 & 19.4]
a first interface module configured to output to a control unit of the offline payment-operated machine one or more electrical pulses, each of the	a first interface module configured to output to <u>communicate with</u> a control unit of the offline payment-operated machine <u>using a serial</u>

<p>one or more electrical pulses emulating an analog signal generated by the coin receiving switch of the offline payment-operated machine in response to insertion of a single coin of a predetermined type in the offline payment-operated machine; and</p>	<p><u>interface to send</u> one or more electrical pulses, each of <u>commands to the control unit;</u></p> <p><u>a second interface module configured to count</u>the one or more electrical pulses emulating an analog signal—generated by the coin receiving switch of the offline payment-operated machine in response to <u>the</u> insertion of a single coin of a predetermined type in the offline payment-operated machine <u>and to store an output of the control unit corresponding to an operation of the offline payment-operated machine;</u> and</p>
Limitation [1.4]	Limitation [19.5]
<p>memory with one or more programs for execution by the one or more processors, the one or more programs including instructions for:</p>	<p>memory with one or more programs for execution by the one or more processors, the one or more programs including instructions for:</p>
Limitation [1.4(a)]	Limitation [19.5(a)]
<p>storing, in the memory of the payment module, a number of the electrical pulses that must be received by the control unit to initiate an operation of the offline payment operating machine;</p>	<p>storing, in the memory of the payment module, a number of the electrical pulses that must be received by the control unit to initiate an operation of the offline payment operating machine;</p>
Limitation [1.4(b)]	Limitation [19.5(b)]
<p>receiving a wireless request via the short-range wireless transceiver from a respective mobile device of the one or more mobile devices to initiate a cashless operation of the offline-payment operated machine; and</p>	<p>receiving a wireless request via the short-range wireless transceiver from a respective mobile device of the one or more mobile devices to initiate a cashless operation of the offline-payment operated machine; and</p>

Limitation [1.4(c)]	Limitation [19.5(c)]
in response to the wireless request:	in response to the wireless request:
Limitation [1.4(c)(i)]	Limitation [19.5(c)(i)]
determining a first number of electrical pulses to output via the first interface module to the control unit of the offline payment-operated machine in order to initiate the requested cashless operation of the offline payment-operated machine;	determining a first number of electrical pulses to output via the first interface module to the control unit of the offline payment-operated machine in order to initiate the requested cashless operation of the offline payment-operated machine;
Limitation [1.4(c)(ii)]	Limitation [19.5(c)(ii)]
causing the offline payment-operated machine to initiate the requested cashless operation by issuing the first number of electrical pulses to the control unit via the first interface module; and	causing the offline payment-operated machine to initiate the requested cashless operation by issuing the first number of electrical pulses <u>command</u> to the control unit via the first interface module; and
Limitation [1.4(c)(iii)]	Limitation [19.5(c)(iii)]
sending operation information corresponding to the initiated operation of the offline payment-operated machine to the respective mobile device via the short-range wireless transceiver.	sending operation information corresponding to the initiated operation of the offline payment-operated machine to the respective mobile device via the short-range wireless transceiver, <u>the operation information including a value of the requested cashless operation corresponding to a number of coin insertions associated with a total number of the pulses counted by the second interface module to initiate the operation of the offline payment-operated machine.</u>