

PatBase - Search results 07 March 2018

Search query (2): [SP]: method and system for secure authentication of user and mobile device without secure elements a method for generating payment credentials in a payment transaction includes: storing, in a memory, at least a single use key associated with a transaction account receiving, by a receiving device, a personal identification number identifying, by a processing device, a first session key generating, by the processing device, a second session key based on at least the stored single use key and the received personal identification number generating, by the processing device, a first application cryptogram based on at least the first session key generating, by the processing device, a second application cryptogram based on at least the second session key and transmitting, by a transmitting device, at least the first application cryptogram and second application cryptogram for use in a payment transaction.

Results: 27

Search history

Search PN=(WO/2015/084797) (Results 1)

1:

Search [SP]: method and system for secure authentication of user and mobile device without secure elements a method for generating payment credentials in a payment transaction includes: storing, in a memory, at least a single use key associated with a transaction account receiving, by a receiving device, a personal identification number identifying, by a processing device, a first session key generating, by the processing device, a second session key based on at least the stored single use key and the received personal identification number generating, by the processing device, a first application cryptogram based on at least the first session key generating, by the processing device, a second application cryptogram based on at least the second session key and transmitting, by a transmitting device, at least the first application cryptogram and second application cryptogram for use in a payment transaction. (Results 27)

Title: SYSTEMS AND METHODS FOR AUTHORIZING A TRANSACTION

Abstract: Source: US2012317628A [EN] Methods and apparatuses are disclosed for creating a software based secure element reader and a digital credential data delivery system for point-of-sale (POS) locations that do not have a secure element reader. Methods and apparatuses are described for creating a remotely hosted repository of secure elements that may be selected and connected to a mobile or a stationary device. Near-field communication (NFC) capabilities may be utilized to interrogate a selected secure element by a RFID POS reader through the mobile NFC device over a data connection between that mobile NFC device and the remote hosted secure element.

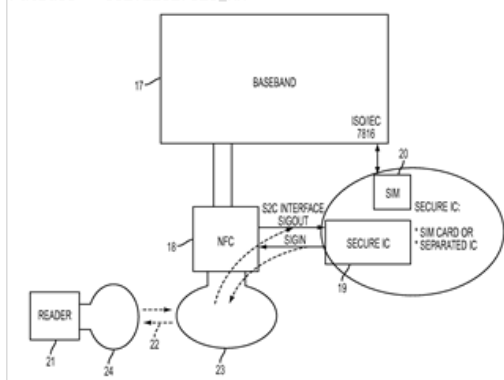
Classifications:

International (IPC 8-9): G06F21/00 G06Q G06Q20/00 G06Q20/02 G06Q20/12 G06Q20/20 G06Q20/32 G06Q20/38 G06Q20/40 H04L9/32 (Advanced/Invention)

CPC: G06Q20/40975 G06Q20/3223 G06Q20/3278 G06Q20/352 G06Q20/356 G06Q20/204 G06Q20/02 G06Q20/20 G06Q20/32 G06Q20/382 G06Q20/385 G06Q20/40 H04L9/321 H04L9/3234 H04L9/3271 H04L2209/56 H04L2209/80

US: 705/71 726/5

PatBase - US2012317628_AA



Family:

Publication number	Publication date	Application number	Application date
AU2012301897 AA	20130307	AU20120301897	20120830
AU2012301897 BB	20170413	AU20120301897	20120830
AU2015100744 AD	20150702	AU20150100744	20150605
AU2015100744 BD	20150806	AU20150100744	20150605
AU2017204649 AA	20170803	AU20170204649	20170707
BR112014004374 A2	20170321	BR20141104374	20120830
CA2846462 AA	20140224	CA20122846462	20120830
CN104025137 A	20140903	CN201280053080	20120830
EP2751754 A1	20140709	EP20120827026	20120830
EP2751754 A4	20150603	EP20120827026	20120830
IN01279DN2014 A	20160506	IN2014DN01279	20140220
US2012317628 AA	20121213	US20120491922	20120608
US2013054474 AA	20130228	US20120599647	20120830
WO12170895 A1	20121213	WO2012US41670	20120608
WO13033388 A1	20130307	WO2012US53129	20120830
ZA201401522 A	20160928	ZA20140001522	20140227

Priority:

AU20120301897	20120830	AU20150100744	20150605	US20110520314P	20110609
US20110573476P	20110906	US20110575846P	20110830	AU20170204649	20170707
US20120491922	20120608	US20120685863P	20120326	US20120599647	20120830
WO2012US53129	20120830				

Probable Assignee: SIMPLYTAPP INC

Assignee(s): (std): DOUGLAS C YEAGER ; SIMPLYTAPP INC ; YEAGER C ; YEAGER C DOUGLAS ; YEAGER DOUGLAS C

Inventor(s): (std): DOUGLAS C YEAGER ; YEAGER C DOUGLAS ; YEAGER DOUGLAS C

Inventor(s): SIMPLYTAPP INC ; YEAGER C

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; ROBIC; BOULT WADE TENNANT; PALMER JAMES R; PALMER JAMES R ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS

Abstract: Source: US2013262317A [EN] A method for generating and provisioning payment credentials to a mobile device lacking a secure element includes: generating a card profile associated with a payment account, wherein the card profile includes at least payment credentials corresponding to the associated payment account and a profile identifier; provisioning, to a mobile device lacking a secure element, the generated card profile; receiving, from the mobile device, a key request, wherein the key request includes at least a mobile identification number (PIN) and the profile identifier; using the mobile PIN; generating a single use key, wherein the single use key includes at least the profile identifier, an application transaction counter, and a generating key for use in generating a payment cryptogram valid for a single financial transaction; and transmitting the generated single use key to the mobile device.

Classifications:

International (IPC 8-9): G06Q20/32 G06Q20/38 H04W12/04

H04W12/06 (Advanced/Invention);

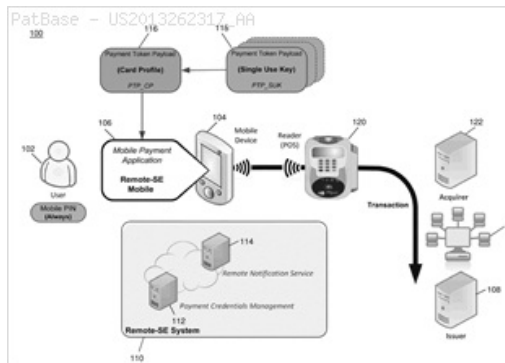
G06Q20/34 (Advanced/Non-invention);

H04W (Subclass/Invention)

CPC: G06Q20/3823 G06Q20/385 G06Q20/4012 H04W12/04

H04W12/06 G06Q20/322 G06Q20/405 G06Q20/3223 G06Q20/3552

US: 705/71 705/72



Family:

Publication number	Publication date	Application number	Application date
AU2013243805 AA	20131010	AU20130243805	20130321
AU2013243805 BB	20170518	AU20130243805	20130321
AU2017216488 AA	20170831	AU20170216488	20170816
EP2835004 A1	20150211	EP20130772978	20130321
EP2835004 A4	20151202	EP20130772978	20130321
HK1206900 A1	20160115	HK20150107229	20150728
US2013262317 AA	20131003	US20130827042	20130314
WO13151797 A1	20131010	WO2013US33322	20130321

Priority:

AU20130243805	20130321	AU20170216488	20170816	US20120619095P	20120402
US20120639248P	20120427	US20120735383P	20121210	US20120635248P	20120418
US20130827042	20130314	US20130762098P	20130207	WO2013US33322	20130321

Probable Assignee: MASTERCARD INT INC

Assignee(s): (std): MASTERCARD INT INC

Inventor(s): (std): COLLINGE MEHDI ; ROBERTS DAVID ANTHONY ; WARD MICHAEL CHRISTOPHER ; THOMPSON SUSAN ; SMETS PATRIK

Agent(s): PHILLIPS ORMONDE FITZPATRICK; EKSTEDT MANS; WIELAND CHARLES F III

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEMS AND METHODS FOR OUTPUTTING INFORMATION ON A DISPLAY OF A MOBILE DEVICE

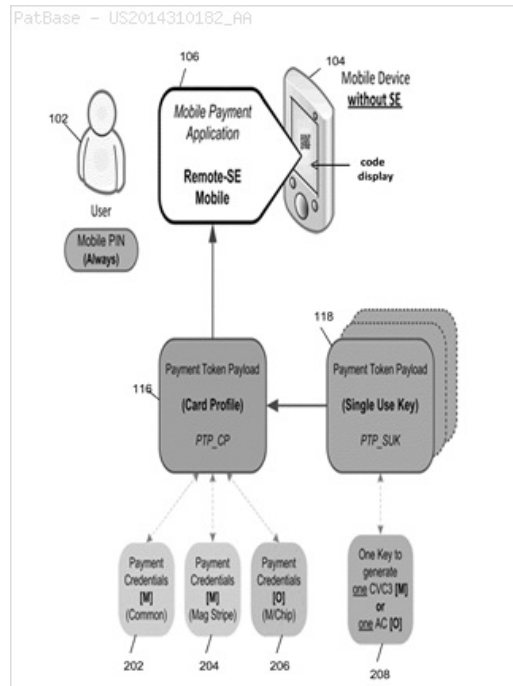
Abstract: Source: US2014310182A [EN] Disclosed herein is a method for outputting information on a display of a mobile device 104, the method comprising: transmitting, by the mobile device 104, a request to a server for one or more tokens; receiving, by the mobile device 104, one or more tokens from the server; generating, by the mobile device 104, a single use code in dependence on a received token; generating, by the mobile device 104, code data by encoding information, wherein said information is for use in a transaction and comprises the generated single use code, an identification number and/or expiry information; and displaying, by the mobile device 104, an image corresponding to the code data on a display of the mobile device 104. Advantageously, the mobile device securely obtains and generates information for outputting on a display of the mobile device. The information can be transferred from the mobile device by reading an image, corresponding to the information, that is displayed by the mobile device. A user can easily ensure that information is transferred from the mobile device to the intended reading terminal only.

Classifications:

International (IPC 8-9): G06Q20/20 G06Q20/32 G06Q20/38 G06Q20/40 H04W12/00 (Advanced/Invention)

CPC: G06Q20/3274 G06Q20/20 G06Q20/3829 G06Q20/4012 H04W12/04 H04W12/06 H04W12/00

US: 705/71 705/72



Family:

Publication number	Publication date	Application number	Application date
GB201306741 A0	20130529	GB20130006741	20130412
GB2512944 A1	20141015	GB20130006741	20130412
US2014310182 AA	20141016	US20140249874	20140410

Priority:

GB20130006741 20130412

Probable Assignee:

MASTERCARD INT INC

Assignee(s): (std):

MASTERCARD INT INC

Inventor(s): (std):

CUMMINS ORAN

Inventor(s):

ORAN CUMMINS

Title: SYSTEM AND METHOD FOR USING AN ACCOUNT SEQUENCE IDENTIFIER

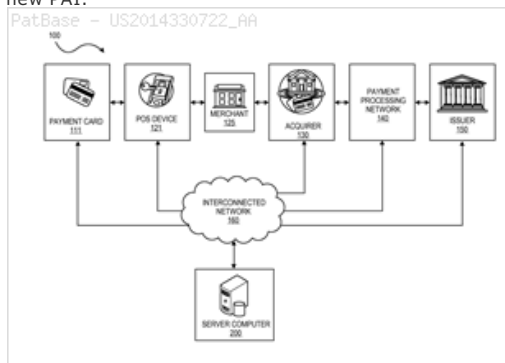
Abstract: Source: US2014330722A [EN] Embodiments of the invention provide for facilitating a transaction using a communication device associated with a user. Certain embodiments allow for provisioning a communication device for use with an enhanced primary account identifier. The enhanced primary account identifier includes a primary account identifier (PAI) and a primary account identifier sequence number (PSI). The PSI is unique to the communication device and may be de-provisioned if the communication device is lost or stolen. A replacement communication device may be provisioned for use with a newly generated unique PSI without having to generate a new PAI.

Classifications:

International (IPC 8-9): G06Q20/32 (Advanced/Invention)

CPC: G06Q20/3227 G06Q20/3278

US: 705/44



Family:

Publication number	Publication date	Application number	Application date
US2014330722 AA	20141106	US20140268842	20140502
US2017316401 AA	20171102	US20170651908	20170717

Priority:

US20130818811P 20130502 US20130828616P 20130529 US20140268842 20140502
US20130840387P 20130627 US20170651908 20170717

Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): LAXMINARAYANAN PRASANNA ; POWELL GLENN L ; SHEETS JOHN ; SHEETS JOSE F

Assignee(s): VISA INT SERVICE ASSOCIATION

Inventor(s): (std): LAXMINARAYANAN PRASANNA ; POWELL GLENN L ; SHEETS JOHN ; SHEETS JOSE F

Title: MOBILE TOKENIZATION HUB

Abstract: Source: US2014344153A [EN] Embodiments of the present invention relate to systems and methods for implementing a mobile tokenization hub with a common tokenization capabilities (CTC) module that may provide tokenization for various entities in various contexts. For example, the CTC module can provide and store tokens for mobile payment transactions, transit transactions, digital wallet applications, merchant point of sale (POS) applications, personalization services, and the like.

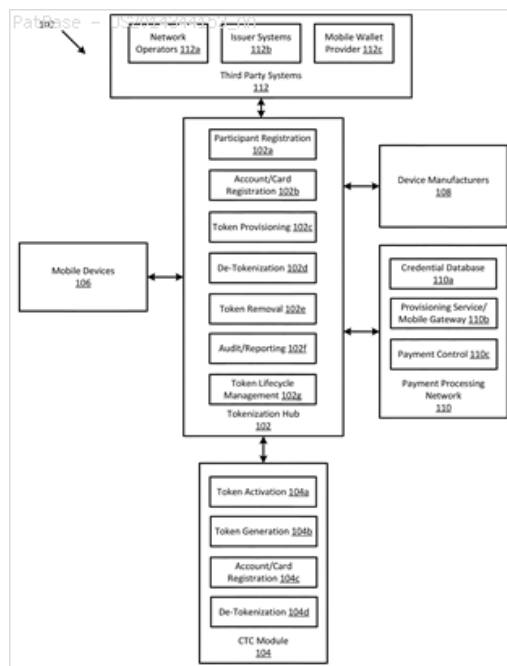
Classifications:

International (IPC 8-9): G06Q20/02 G06Q20/32 G06Q20/38 G06Q20/40 (Advanced/Invention);

G06Q (Subclass/Invention)

CPC: G06Q20/3821 G06Q20/027 G06Q20/3223 G06Q20/385

US: 705/44



Family:

Publication number	Publication date	Application number	Application date
AU2014265291 AA	20141120	AU20140265291	20140515
BR112015028628 A2	20170725	BR20151128628	20140515
CA2912695 AA	20151113	CA20142912695	20140515
CN105359179 A	20160224	CN201480038080	20140515
EP2997532 A1	20160323	EP20140797341	20140515
EP2997532 A4	20160511	EP20140797341	20140515
HK1219163 A1	20170324	HK20160107080	20160620
KR20160008619 A	20160122	KR20157035424	20140515
SG10201709411R A1	20180130	SG20171009411	20140515
SG11201509386U A1	20151230	SG20151109386	20140515
US2014344153 AA	20141120	US20140279186	20140515
WO14186635 A1	20141120	WO2014US38284	20140515

Priority:

US20130823836P 20130515 US20140279186 20140515 WO2014US38284 20140515

Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): FLURSCHEIM CHRISTIAN ; GREENE BRADLEY ; LAXMINARAYANAN PRASANNA ; RAJ THANIGAIVEL ASHWIN ; SUBRAMANIAN KAUSHIK ; VISA INT SERVICE ASSOCIATION ; VISA INT SERVICE ASS

Inventor(s): (std): FLURSCHEIM CHRISTIAN ; FLURSCHEIM CHRISTIAN C ; GREENE BRADLEY ; GREENE BRADLEY B ; LAXMINARAYANAN PRASANNA ; LAXMINARAYANAN PRASANNA P ; NARAYAN PRASANNA L ; RAJ THANIGAIVEL ASHWIN ; RAJ THANIGAIVEL ASHWIN TA ; SUBRAMANIAN KAUSHIK ; SUBRAMANIAN KAUSHIK K

Inventor(s): THANIGAIVEL ASHWIN RAJ ; BRADLEY GREENE ; CHRISTIAN FLURSCHEIM ; PRASANNA LAXMINARAYANAN ; KAUSHIK SUBRAMANIAN

Agent(s): SPRUSON AND FERGUSON; FETHERSTONHAUGH AND CO; DERRY PAUL STEFAN; SPRUSON AND FERGUSON ASIA PTE LTD; FELD NATHAN L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT HW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SECURE REMOTE PAYMENT TRANSACTION PROCESSING

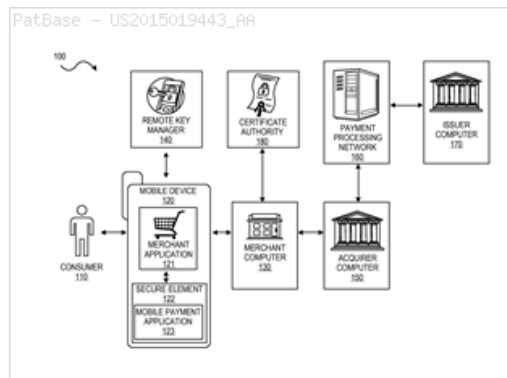
Abstract: Source: US2015019443A [EN] Embodiments of the present invention are directed to methods, apparatuses, computer readable media and systems for securely processing remote transactions. One embodiment of the invention is directed to a method of processing a remote transaction initiated by a mobile device comprising a server computer receiving a payment request including encrypted payment information. The encrypted payment information being generated by a mobile payment application of the mobile device and being encrypted using a third party key. The method further comprises decrypting the encrypted payment information using the third party key, determining a transaction processor public key associated with the payment information, and re-encrypting the payment information using the transaction processor public key. The method further comprises sending a payment response including the re-encrypted payment information to a transaction processor. The transaction processor decrypts the re-encrypted payment information using a transaction processor private key and initiates a payment transaction.

Classifications:

International (IPC 8-9): G06Q20/08 G06Q20/16 G06Q20/32 G06Q20/38 G06Q20/40 H04L9/14 (Advanced/Invention)

CPC: G06Q20/3278 G06Q20/3829 G06Q20/322 G06Q20/382

US: 705/71

**Family:**

Publication number	Publication date	Application number	Application date
AU2014290143 AA	20150122	AU20140290143	20140715
AU2014290143 BB	20180301	AU20140290143	20140715
BR112016000738 A2	20170725	BR20161100738	20140715
CA2918066 AA	20160112	CA20142918066	20140715
CN105556553 A	20160504	CN201480050582	20140715
EP3022700 A1	20160525	EP20140825781	20140715
EP3022700 A4	20170329	EP20140825781	20140715
JP2016525254 T2	20160822	JP20160527053T	20140715
KR20160030573 A	20160318	KR20167003736	20140715
RU2016104765 A	20170818	RU20160104765	20140715
SG10201800291U A1	20180227	SG20181000291	20140715
SG11201600203P A1	20160226	SG20161100203	20140715
US2015019443 AA	20150115	US20140332245	20140715
WO15009765 A1	20150122	WO2014US46764	20140715

Priority:

US20130863869P 20130808	US20130871814P 20130829	US20140332245 20140715
US20130957948P 20130715	US20130880154P 20130919	WO2014US46764 20140715

Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): AABYE CHRISTIAN ; KARPENKO IGOR ; LIU FREDERICK ; PIRZADEH KIUSHAN ; POWELL GLENN ; SHEETS JOHN ; WAGNER KIM ; VISA INT SERVICE ASS

Assignee(s): VISA INT SERVICE ASSOCIATION

Inventor(s): (std): WAGNER KIM ; AABYE CHRISTIAN ; KARPENKO IGOR ; LIU FREDERICK ; PIRZADEH KIUSHAN ; POWELL GLENN ; SHEETS JOHN

Inventor(s): SHEETS JOHN F ; WAGNER KIM R ; KIUSHAN PIRZADEH ; KIM WAGNER ; JOHN SHEETS ; IGOR KARPENKO ; GLENN POWELL ; FREDERICK LIU ; CHRISTIAN AABYE

Agent(s): SPRUSON AND FERGUSON; BERESKIN AND PARR LLP SENCRL SRL; DERRY PAUL STEFAN; ASAMURA PATENT OFFICE PC; SPRUSON AND FERGUSON ASIA PTE LTD; BOWERS CARL A ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SECURE REMOTE PAYMENT TRANSACTION PROCESSING INCLUDING CONSUMER AUTHENTICATION

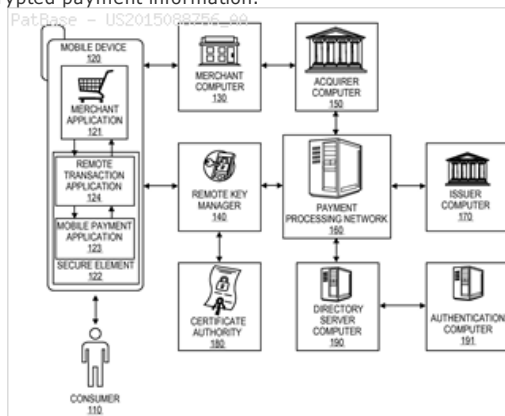
Abstract: Source: US2015088756A [EN] Embodiments of the invention are directed to methods, apparatuses, computer-readable media, and systems for securely processing remote transactions. One embodiment is directed to a method of processing a remote transaction initiated by a communication device. The method comprising a server computer receiving a payment request including encrypted payment information that is encrypted using a first key. The encrypted payment information including security information. The method further comprises decrypting the encrypted payment information using a second key, obtaining an authentication response value for the remote transaction from an authentication computer associated with an issuer, updating the decrypted payment information to include the authentication response value, re-encrypting the decrypted payment information using a third key, and sending a payment response including the re-encrypted payment information to a transaction processor. The transaction processor decrypting the re-encrypted payment information using a fourth key and initiating a payment transaction using the decrypted payment information.

Classifications:**International (IPC 8-9):** G06Q20/38 G06Q20/40

H04L9/32 (Advanced/Invention)

CPC: G06Q20/3829 G06Q20/401 G06Q20/12 G06Q20/32

G06Q20/382 G06Q20/3823

US: 705/71**Family:**

Publication number	Publication date	Application number	Application date
AU2014321178 AA	20150326	AU20140321178	20140922
CA2924683 AA	20160317	CA20142924683	20140922
CN105745678 A	20160706	CN201480063714	20140922
EP3047437 A1	20160727	EP20140845716	20140922
EP3047437 A4	20170308	EP20140845716	20140922
IN201647013251 A	20160831	IN201647013251	20160415
RU2016115043 A	20171025	RU20160115043	20140922
SG11201602093T A1	20160428	SG20161102093	20140922
US2015088756 AA	20150326	US20140493247	20140922
WO15042548 A1	20150326	WO2014US56837	20140922

Priority:

US20130880802P 20130920 US20140332245 20140715 US20140493247 20140922
US20140461227 20140815 WO2014US56837 20140922

Probable Assignee: VISA INT SERVICE ASSOCIATION**Assignee(s):** (std): MAKHOTIN OLEG ; PIRZADEH KIUSHAN ; VISA INT SERVICE ASS**Assignee(s):** VISA INT SERVICE ASSOCIATION**Inventor(s):** (std): MAKHOTIN OLEG ; PIRZADEH KIUSHAN**Agent(s):** SPRUSON AND FERGUSON; FETHERSTONHAUGH AND CO; EISENFUEHR SPEISER; BOWERS CARL A ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND SYSTEM FOR SECURE AUTHENTICATION OF USER AND MOBILE DEVICE WITHOUT SECURE ELEMENTS

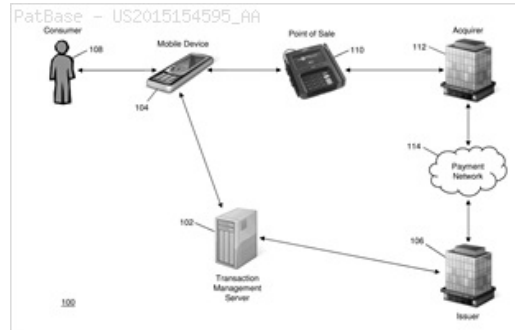
Abstract: Source: US2015154595A [EN] A method for generating payment credentials in a payment transaction includes: storing, in a memory, at least a single use key associated with a transaction account; receiving, by a receiving device, a personal identification number; identifying, by a processing device, a first session key; generating, by the processing device, a second session key based on at least the stored single use key and the received personal identification number; generating, by the processing device, a first application cryptogram based on at least the first session key; generating, by the processing device, a second application cryptogram based on at least the second session key; and transmitting, by a transmitting device, at least the first application cryptogram and second application cryptogram for use in a payment transaction.

Classifications:

International (IPC 8-9): G06F21/44 G06F21/46 G06F21/64 G06Q G06Q20/08 G06Q20/20 G06Q20/32 G06Q20/38 G06Q20/40 G09C1/00 H04L29/06 H04L9/08 H04L9/32 H04M1/00 H04M11/00 H04W H04W12/04 H04W12/06 H04W12/08 (Advanced/Invention); G06Q H04W (Subclass/Invention)

CPC: G06Q20/3829 G06Q20/3821 G06Q20/4012 H04L63/0428 H04L63/062 G06Q20/204 G06Q20/322 G06Q20/401 G06Q20/38 G06Q20/32 G06Q20/382 H04W12/08 G06F21/46 H04W12/04 H04W12/06 H04L63/06 H04L63/083 H04L2463/102 G06Q20/3274 G06Q20/3823

US: 705/71 713/168



Family:

Publication number	Publication date	Application number	Application date
AU2014357343 AA	20150611	AU20140357343	20141202
AU2014357343 BB	20171019	AU20140357343	20141202
AU2014357381 AA	20150611	AU20140357381	20141202
AU2014357381 BB	20170323	AU20140357381	20141202
AU2014391256 AA	20151022	AU20140391256	20141202
AU2014391256 BB	20170713	AU20140391256	20141202
AU2017245412 AA	20171102	AU20170245412	20171012
AU2018200422 AA	20180208	AU20180200422	20180118
BR112016012359 A2	20170808	BR20161112359	20141202
BR112016012527 A2	20170808	BR20161112527	20141202
BR112016015074 A2	20170808	BR20161115074	20141202
CA2932105 AA	20160530	CA20142932105	20141202
CA2932346 AA	20160531	CA20142932346	20141202
CA2933336 AA	20160609	CA20142933336	20141202
CL2016001351 A1	20161028	CL20160001351	20160602
CL2016001353 A1	20170512	CL20160001353	20160602
CN106031207 A	20161012	CN201480074680	20141202
CN106062799 A	20161026	CN201480074679	20141202
CN106104605 A	20161109	CN201480074686	20141202
CO16145618 A2	20161010	CO20160145618	20160602
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JP2017504871 T2	20170209	JP20160535719T	20141202
JP2017505000 T2	20170209	JP20160535720T	20141202
JP2017513248 T2	20170525	JP20160541581T	20141202
JP6224254 B2	20171101	JP20160541581T	20141202
KR101809221 B1	20171214	KR20167017367	20141202
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KR20160106059 A	20160909	KR20167017504	20141202
KR20160132105 A	20161116	KR20167028484	20141202
KR20170139689 A	20171219	KR20177035338	20141202
MX2016007217 A1	20161209	MX20160007217	20141202
MX2016007218 A1	20170208	MX20160007218	20141202
MX2016010086 A1	20170427	MX20160010086	20141202
NZ720688 A	20170929	NZ20140720688	20141202
RU2016126401 A	20180112	RU20160126401	20141202
RU2016126401 A3	20180112	RU20160126401	20141202
RU2016126407 A	20180115	RU20160126407	20141202
RU2016126407 A3	20180115	RU20160126407	20141202
RU2642821 C2	20180129	RU20160126407	20141202

SG10201800179U A1	20180227	SG20181000179	20141202
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UA115501 C2	20171110	UA20160007124	20141202
US2015154595 AA	20150604	US20140558189	20141202
US2015154596 AA	20150604	US20140557974	20141202
US2015156176 AA	20150604	US20140558049	20141202
WO15084755 A1	20150611	WO2014US67992	20141202
WO15084797 A1	20150611	WO2014US68078	20141202
WO15160385 A1	20151022	WO2014US68000	20141202
ZA201603757 A	20171220	ZA20160003757	20141202
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Priority:

AU20140357343	20141202	AU20140391256	20141202	AU20170245412	20171012
RU20160126401	20141202	RU20160126407	20141202	AU20180200422	20180118
US20140558189	20141202	US20130910819P	20131202	US20140951842P	20140312
US20140955716P	20140319	US20140979122P	20140414	US20140979113P	20140414
US20140557974	20141202	US20140558049	20141202	US20140979132P	20140414
US20140980784P	20140417	US20140996665P	20140514	WO2014US67992	20141202
WO2014US68078	20141202	WO2014US68000	20141202		

Probable Assignee: MASTERCARD INT INC

Assignee(s): (std): MASTERCARD INT INC ; SMETS PATRIK ; RADU CRISTIAN ; MASTERCARD INT INCORPORATED ; WARD MICHAEL CHRISTOPHER ; MASTERCARD INT INC A ORGANISED AND EXISTING UNDER LAWS OF STATE OF DELA CORP ; CATELAND AXEL EMILE JEAN CHARLES ; COLLIGNE MEHDI ; MASTERKARD INTERNESHNL INKORPOREJTED

Assignee(s): COLLIGNE MEHDI ; MASTERCARD INT INC A ORGANISED AND EXISTING UNDER LAWS OF STATE OF DELAWARE USA CORP ; WARD MICHAEL CHRISTOPHER

Inventor(s): (std): COLLIGNE MEHDI ; COLLIGNE MEHDI ; CRISTIAN RADU ; KEJTLEND AKSEL EMIL ZHAN CHARLZ ; KOLLINGE MEKHDI ; MEHDI COLLINGE ; MICHAEL CHRISTOPHER WARD ; PATRIK SMETS ; RADU CRISTIAN ; RADU KRISTIAN ; SMETS PATRIK ; UORD MAJKL KRISTOFER ; WARD MICHAEL CHRISTOPHER ; WARD MICHAEL CHRISTOPHER ; AXEL EMILE JEAN CHARLES CATELAND ; CATELAND AXEL EMILE JEAN CHARLES

Inventor(s): CATELAND AXEL EMILIE JEAN CHARLES ; SMETS PATRICK

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; ESTUDIO TRANSGLOBO LTDA Y O HUGO RUBIO G Y O ALEX SEVERIN S; JOHAN SEBASTIAN GOMEZ VILLA; LAWRENCE RICHARD ANTHONY; HOPLEY JOANNE SELINA; OOO YURIDICHESKAYA GORODISSKIJ I PARTNERY FA; DAVIES COLLISON CAVE ASIA PTE LTD; WIELANDI CHARLES F III; WIELAND III CHARLES F

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: LIMITED-USE KEYS AND CRYPTOGRAMS

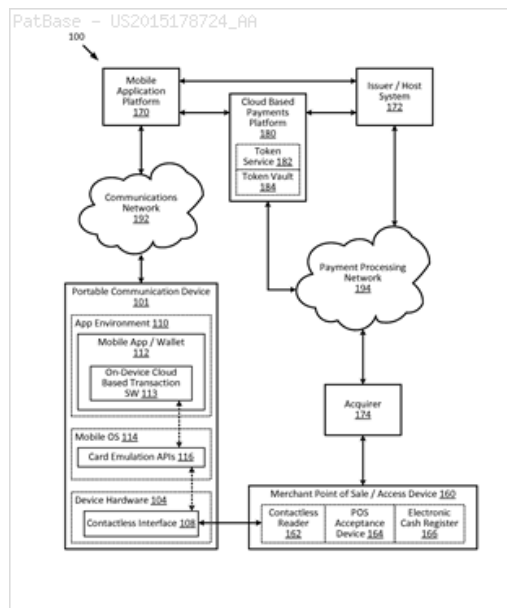
Abstract: Source: US2015178724A [EN] Techniques for enhancing the security of a communication device when conducting a transaction using the communication device may include encrypting account information with a first encryption key to generate a second encryption key, and encrypting key index information using the second key to generate a limited-use key (LUK). The key index information may include a key index having information pertaining to generation of the LUK. The LUK and the key index can be provided to the communication device to facilitate generation of a transaction cryptogram for a transaction conducted using the communication device, and the transaction can be authorized based on the transaction cryptogram generated from the LUK.

Classifications:

International (IPC 8-9): G06Q20/32 G06Q20/38 G06Q20/40 H04L29/06 H04L9/08 (Advanced/Invention)

CPC: G06Q20/3821 H04L63/0838 G06Q20/401 G06Q20/3278 G06Q2220/00 G06Q20/3829 G06Q20/385 H04L9/0618 H04L9/088 H04L9/3234 H04L9/3297 H04L2209/56 H04L2209/805 G06Q20/32 G06Q20/322 G06Q20/327 G06Q20/382 H04L9/0869 H04L63/0428 H04L2209/24

US: 705/71 705/76 713/172



Family:

Publication number	Publication date	Application number	Application date
AU2014368949 AA	20150625	AU20140368949	20141219
BR112016014106 A2	20170808	BR20161114106	20141219
CA2931093 AA	20160518	CA20142931093	20141219
CN105830107 A	20160803	CN201480069311	20141219
EP3084701 A1	20161026	EP20140872737	20141219
EP3084701 A4	20170809	EP20140872737	20141219
IN201647023956 A	20160831	IN201647023956	20160713
JP2017507518 T2	20170316	JP20160541553T	20141219
KR20160101117 A	20160824	KR20167019520	20141219
RU2016129192 A	20180124	RU20160129192	20141219
SG11201604906Q A1	20160728	SG20161104906	20141219
US2015178724 AA	20150625	US20140577678	20141219
US2015180836 AA	20150625	US20140577837	20141219
US2016140545 AA	20160519	US20160004705	20160122
US2016217452 AA	20160728	US20160091253	20160405
WO15095771 A1	20150625	WO2014US71622	20141219

Priority:

US20130918643P 20131219	US20140577678 20141219	US20140941227P 20140218
US20140982169P 20140421	US20140983635P 20140424	US20140577837 20141219
US20160004705 20160122	US20150106442P 20150122	WO2014US71622 20141219
US20160091253 20160405		

Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): AABYE CHRISTIAN ; FLURSCHEIM CHRISTIAN ; GUGLANI ABHISHEK ; JONES CHRISTOPHER ; MAKHOTIN OLEG ; SHEETS JOHN ; NGO HAO ; SHARMA SANJEEV ; SEVANTO JARKKO OSKARI ; OR TAI LUNG BURNNET ; LOPEZ EDUARDO ; PATEL BHARATKUMAR ; WONG ERICK ; VISA INT SERVICE ASS

Assignee(s): VISA INT SERVICE ASSOCIATION

Inventor(s): (std): AABYE CHRISTIAN ; JONES CHRISTOPHER ; LOPEZ EDUARDO ; MAKHOTIN OLEG ; NGO HAO ; FLURSCHEIM CHRISTIAN ; GUGLANI ABHISHEK ; OR TAI LUNG BURNNET ; PATEL BHARATKUMAR ; SEVANTO JARKKO OSKARI ; SHARMA SANJEEV ; SHEETS JOHN ; WONG ERICK ; E WANG

Inventor(s): TAI LUNG BURNNET OR ; SANJEEV SHARMA ; JARKKO OSKARI SEVANTO ; OLEG MAKHOTIN ; ABHISHEK GUGLANI ; BHARATKUMAR PATEL ; CHRISTIAN FLURSCHEIM ; CHRISTOPHER JONES ; EDUARDO LOPEZ ; ERICK WONG

Agent(s): SPRUSON AND FERGUSON; BERESKIN AND PARR LLP SENCRL SRL; DERRY PAUL STEFAN; ASAMURA PATENT OFFICE PC; TSE MICHAEL ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DISPLAY DEVICE

Abstract: Source: US2015261030A [EN] A display device is provided. The display device includes a first substrate including a pixel-displaying region; a second substrate disposed opposite to the first substrate; a sealant disposed between the first substrate and the second substrate and disposed outside the pixel-displaying region; and a spacer wall disposed between the first substrate and the second substrate and disposed between the pixel-displaying region and the sealant, wherein a first side of the spacer wall is adjacent to the pixel-displaying region and a second side of the spacer wall is adjacent to the sealant, and a height of the first side is greater than a height of the second side.

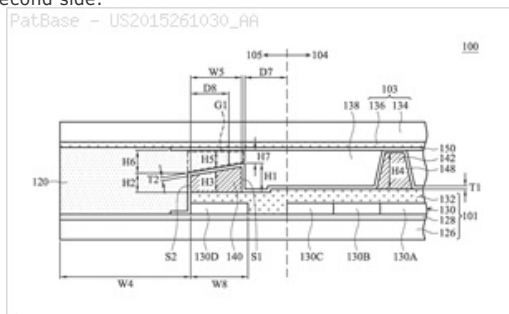
Classifications:

International (IPC 8-9): G02F1/13 G02F1/1333 G02F1/1335 G02F1/1337 G02F1/1339 G02F1/1343 G02F1/1345 G02F1/1362 G02F1/1368 G06Q20/10 G06Q20/12 G06Q20/20 G06Q20/22 G06Q20/32 G06Q20/34 G06Q20/36 G06Q30/06 G09G3/00 G09G3/36 H01L21/66 H01L23/535 H01L23/58 H01L27/12 H01L27/14 H01L27/32 H01L51/52 H04L29/06 H04W12/08 H04W12/12 H04W4/00 H04W88/02 H05K1/00 H05K1/02 H05K1/11 H05K1/14 H05K1/18 H05K3/00 H05K7/00 (Advanced/Invention); G02F1/1333 G02F1/1345 G02F1/1362 G06Q20/32 G09G3/00 H05K1/14 (Advanced/Non-invention)

IPC: G02F1/133512 G02F1/133788 G02F2001/134345 H01L22/32 H01L27/124 H05K2201/10128 H04L63/126 G02F1/133514

G02F2001/13398 G09G2300/0426 G06Q20/32 G02F1/136204 G02F2001/13456 G09G3/006 H04W12/12 G02F1/1337 G02F1/13458 G02F2001/13396 G02F2001/136254 G02F2201/40 G02F1/13452 H04L63/102 H04W12/08 G02F1/134336 H05K3/0052 G02F1/13351 G02F1/1339 G02F1/13394 G02F2001/133388 H01L51/5246 H01L51/525 H05K1/144 H05K2201/09154 H05K2201/2018 H05K2201/2036 G02F1/136286 G02F1/133345 G02F1/134363 G02F1/1368 G02F2001/133357 G02F2201/121 G02F2201/123 G09G3/36 G09G2300/0465 G09G2320/0247 G09G3/20 G02F1/1333 G02F1/136227 Y10T428/24355 G06Q20/105 G06Q20/20 G06Q20/227 G06Q20/34 G06Q20/36 H04L63/08 H04W4/80

US: 257/48 257/72 345/92 349/106 349/123 349/138 349/153 349/42 349/46 361/748 428/141 726/4 726/6

**Family:**

Publication number	Publication date	Application number	Application date
AU2015255887 AA	20151112	AU20150255887	20150507
CA2945199 AA	20161006	CA20152945199	20150507
CN104914596 A	20150916	CN201410723711	20141203
CN104914613 A	20150916	CN201410682084	20141124
CN104914628 A	20150916	CN201410587253	20141028
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CN104916242 A	20150916	CN201410495851	20140924
CN104916260 A	20150916	CN201410502241	20140925
CN106462842 A	20170222	CN201580023319	20150507
EP3140795 A1	20170315	EP20150789702	20150507
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SG11201609220Y A1	20161229	SG20161109220	20150507
TW201535021 A	20150916	TW20140140591	20141124
TW201535028 A	20150916	TW20140137140	20141028
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TW201535030 A	20150916	TW20140133162	20140925
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TW201535337 A	20150916	TW20140132928	20140924
TWI537656 B	20160611	TW20140141941	20141203
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US2015261050 AA	20150917	US20150656461	20150312
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US2015262897 AA	20150917	US20150643169	20150310
US2015263043 AA	20150917	US20150644426	20150311
US2015264805 AA	20150917	US20150656387	20150312
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US9750140 BB	20170829	US20150656387	20150312
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Priority:

TW20140132928	20140924	TW20140133162	20140925	TW20140137140	20141028
TW20140137142	20141028	TW20140140591	20141124	TW20140141941	20141203
US20140952929P	20140314	US20140989046P	20140506	US20140019993P	20140702
US20140976203P	20140407	US20140976810P	20140408	US20140002523P	20140523

US20150643169	20150310	US20140989523P	20140507	US20150656414	20150312
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Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): AABYE CHRISTIAN ; INNOLUX CO LTD ; INNOLUX CORP ; MAKHOTIN OLEG ; SHARMA SANJEEV ; VISA INT SERVICE ASS ; VISA INTELLECTUAL SERVICE ASS

Assignee(s): VISA INTELLECTUAL SERVICE ASSOCIATION ; VISA INT SERVICE ASSOCIATION

Inventor(s): (std): AABYE CHRISTIAN ; CHANG HONG KANG ; CHANG SIU YU ; CHEN HUNG KUN ; CHEN HUNGKUN ; CHENG CHAO YU ; CHOU HSIEH LI ; CHU JUI CHING ; HSIEH CHI HAN ; HUANG HUI MIN ; HUANG YU TI ; KAO YI CHIEN ; KAO YU CHIEN ; KUO KUAN HUNG ; KWOK KOON WANG ; LAI JUI CHU ; LEE FANG JIN ; LEE FANGJIN ; LEE YI CHIN ; MAKHOTIN OLEG ; PENG HUAN KUANG ; SHARMA SANJEEV ; SHEN PO HUNG ; SUNG LI WEI ; TSE KEI HON ; WU SHIH HSIUNG

Inventor(s): SHEN POHUNG

Agent(s): SPRUSON AND FERGUSON; BERESKIN AND PARR LLP SENCRL SRL; JONES NICHOLAS MICHAEL; KILPATRICK TOWNSEND AND STOCKTON LLP; MCCLURE QUALEY AND RODACK LLP; BOWERS CARL A ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: OFFLINE AUTHENTICATION

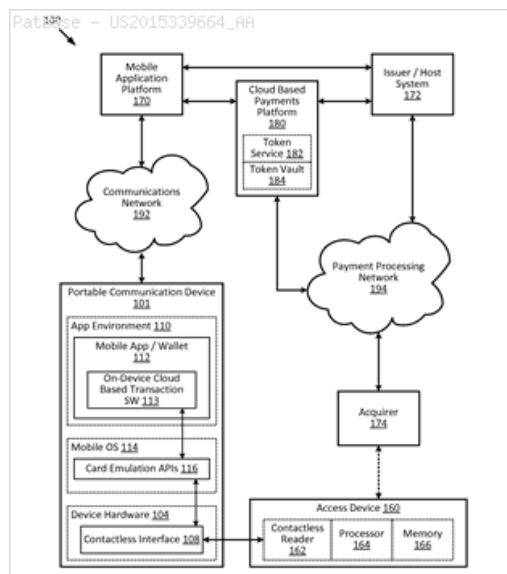
Abstract: Source: US2015339664A [EN] Techniques for enhancing the security of a communication device when conducting a transaction using the communication device may include using a limited-use key (LUK) to generate a transaction cryptogram, and using a signature key to generate a signature. The transaction can be an offline data authentication transaction, and access can be granted based on authentication of the signature prior to verifying the transaction cryptogram.

Classifications:

International (IPC 8-9): G06Q20/38 G06Q20/40 H04L9/32 H04W12/06 (Advanced/Invention)

CPC: G06Q20/3829 H04L9/3247 H04L9/3236 H04L9/3263 G06Q20/401 G06Q2220/00 H04W12/06 H04L9/3234 H04L9/3297 H04L2209/56 H04L63/0823 H04W12/10 H04L63/126 H04W4/60

US: 705/71

**Family:**

Publication number	Publication date	Application number	Application date
AU2015264124 AA	20151126	AU20150264124	20150521
CN106465112 A	20170222	CN201580025927	20150521
EP3146747 A1	20170329	EP20150796553	20150521
EP3146747 A4	20171101	EP20150796553	20150521
US2015339664 AA	20151126	US20150719014	20150521
WO15179637 A1	20151126	WO2015US31968	20150521

Priority:

US20140001255P 20140521 US20150719014 20150521 WO2015US31968 20150521

Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): AABYE CHRISTIAN ; FLURSCHEIM CHRISTIAN ; JONES CHRISTOPHER ; VISA INT SERVICE ASS ; WONG ERICK

Assignee(s): VISA INT SERVICE ASSOCIATION

Inventor(s): (std): WONG ERICK ; JONES CHRISTOPHER ; FLURSCHEIM CHRISTIAN ; AABYE CHRISTIAN

Agent(s): SPRUSON AND FERGUSON; DERRY PAUL STEFAN; TSE MICHAEL ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: EMBEDDING CLOUD-BASED FUNCTIONALITIES IN A COMMUNICATION DEVICE

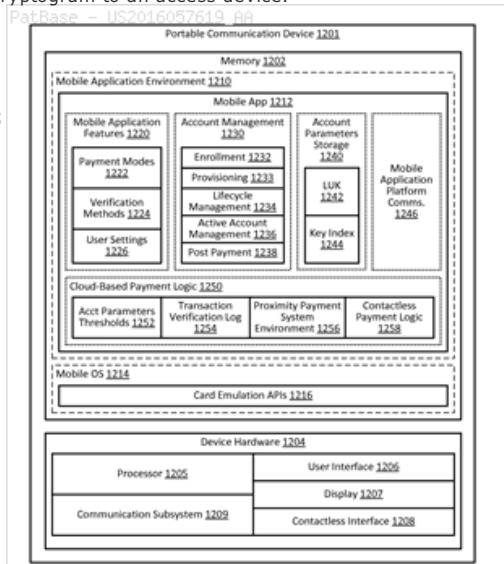
Abstract: Source: US2016057619A [EN] Techniques for enhancing the security of a communication device may include providing an application agent that executes in a trusted execution environment of the communication device, and a transaction application that executes in a normal application execution environment of the communication device. The application agent may receive, from the application, a limited-use key (LUK) generated by a remote computer, and store the LUK in a secure storage of the trusted execution environment. When the application agent receives a request to conduct a transaction from the application executing in the normal execution environment, the application agent may generate a transaction cryptogram using the LUK, and provides the transaction cryptogram to an access device.

Classifications:

International (IPC 8-9): G06F21/44 G06F9/455 G06Q20/32 G06Q20/38 H04L29/06 H04W12/04 H04W4/00 (Advanced/Invention); H04W88/02 (Advanced/Non-invention)

CPC: H04W4/008 H04W88/02 G06Q20/32 G06Q20/322 G06Q20/327 G06Q20/3278 G06Q20/382 G06Q20/3825 G06Q20/3829 G06Q20/385 H04L63/068 G06F9/455 G06F21/44 H04W12/04 G06Q20/3227 H04W4/80

US: 380/247



Family:

Publication number	Publication date	Application number	Application date
US2016057619 AA	20160225	US20150834028	20150824
US2017364903 AA	20171221	US20170682348	20170821
US9775029 BB	20170926	US20150834028	20150824

Priority:

US20140040935P 20140822 US20150834028 20150824 US20170682348 20170821

Probable Assignee: VISA INT SERVICE ASSOCIATION

Assignee(s): (std): LOPEZ EDUARDO ; VISA INT SERVICE ASS

Assignee(s): VISA INT SERVICE ASSOCIATION

Inventor(s): (std): LOPEZ EDUARDO

Agent(s): KILPATRICK TOWNSEND AND STOCKTON LLP

Title: MECHANISM FOR AUTHORISING TRANSACTIONS CONDUCTED AT UNATTENDED TERMINALS

Abstract: Source: US2016071100A [EN] Methods and systems for processing transactions initiated at unattended terminals using user devices without visible credentials, and providing services concerning such transactions, are disclosed. A first party issues a set of pseudo credentials for a user device responsive to authorisation request data concerning a transaction initiated with a second party using the user device and provides the pseudo credentials to the second party, who maps such pseudo credentials to real credentials of the user device acquired from the user device during the transaction. The pseudo credentials are also provided to a user of the user device who submits such pseudo credentials to the second party during a subsequent enquiry concerning the transaction. To authenticate the user device, the second party requests authorisation from the first party using the pseudo credentials.

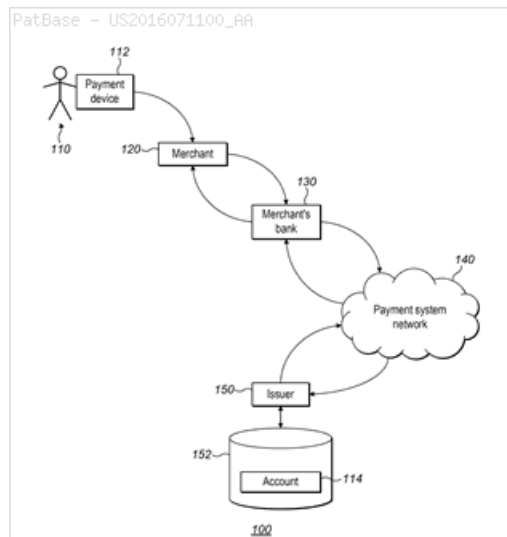
Classifications:

International (IPC 8-9): G06Q20/02 G06Q20/04 G06Q20/18 G06Q20/32 G06Q20/34 G06Q20/38 G06Q20/40 G06Q20/42 G07B15/00 (Advanced/Invention)

CPC: G06Q20/027 G06Q20/0453 G06Q20/18 G06Q20/3278

G06Q20/352 G06Q20/3821 G06Q20/401 G06Q30/016 G06Q20/32

US: 705/76



Family:

Publication number	Publication date	Application number	Application date
AU2015310670 AA	20160310	AU20150310670	20150904
CA2960088 AA	20170303	CA20152960088	20150904
EP3189484 A1	20170712	EP20150762684	20150904
GB201415720 A0	20141022	GB20140015720	20140905
GB2529872 A1	20160309	GB20140015720	20140905
SG11201701700T A1	20170427	SG20171101700	20150904
US2016071100 AA	20160310	US20150845474	20150904
WO16034890 A1	20160310	WO2015GB52556	20150904

Priority:

GB20140015720 20140905 WO2015GB52556 20150904

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHODS AND SYSTEMS FOR PARTIAL PERSONALIZATION DURING MOBILE APPLICATION UPDATE

Abstract: Source: US2016103675A [EN] Embodiments of the present invention are directed at methods and systems for providing a partial personalization process that allows for more efficient and effective personalization of a mobile application on a communication device after updating the mobile application. For example, personalization profiles associated with multiple versions of the mobile application may be stored at an application update provisioning system and the application update provisioning system may determine the appropriate partial provisioning information to update the mobile application for each migration notification. Accordingly, a tailored partial personalization script including only that personalization information that is to be updated for the updated version of the mobile application may be generated and installed to enable new functionality and/or update the information contained within an updated mobile application, without requiring re-personalization of all personalized information into the updated mobile application.

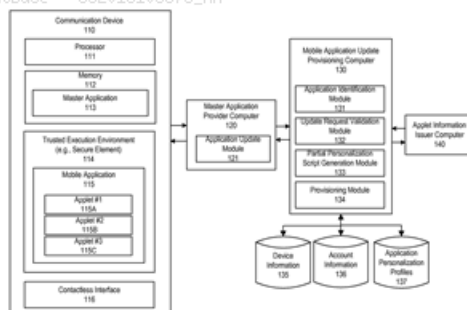
Classifications:

International (IPC 8-9): G06F11/00 G06F21/44 G06F9/44 G06F9/445 H04L29/08 H04W12/04 H04W4/00 (Advanced/Invention); H04W12/10 H04W4/00 (Advanced/Non-invention)

CPC: H04L67/306 G06F8/71 G06F9/4451 H04W12/04 H04W12/10 G06F8/65 H04L67/34 H04W12/06 H04W4/50 G06F8/658

US: 717/170

PatBase - US2016103675_AA



Family:

Publication number	Publication date	Application number	Application date
AU2015329722 AA	20160414	AU20150329722	20151013
CA2963867 AA	20170405	CA20152963867	20151013
CN106796519 A	20170531	CN201580054627	20151013
EP3204851 A1	20170816	EP20150849242	20151013
JP2017531873 T2	20171026	JP20170518809T	20151013
SG10201710449T A1	20180130	SG20171010449	20151013
SG11201702277U A1	20170427	SG20171102277	20151013
US2016103675 AA	20160414	US20150882222	20151013
US2017123789 AA	20170504	US20170401726	20170109
US9582267 BB	20170228	US20150882222	20151013
WO16058006 A1	20160414	WO2015US55397	20151013

Priority:

US20140062437P 20141010 US20140076440P 20141106 US20150882222 20151013
 WO2015US55397 20151013 US20170401726 20170109

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND SYSTEM FOR GENERATING CRYPTOGRAMS FOR VALIDATION IN A WEBSERVICE ENVIRONMENT

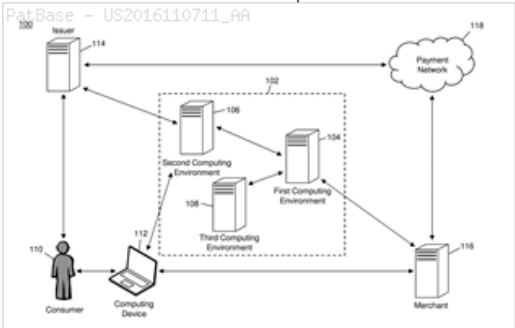
Abstract: Source: US2016110711A [EN] A method for generating cryptograms in a webservice environment includes: receiving, in a first environment of a computing system, a credential request transmitted by an external computing device using a secure communication protocol, the credential request including a transaction identifier and account identifier; transmitting, by the first environment, a data request to a second environment of the computing system, the data request including the account identifier; receiving, by the first environment, an account profile and session key from the second environment; transmitting, by the first environment, a cryptogram request to a third environment of the computing system, the cryptogram request including the account profile and session key; receiving, by the first environment, a cryptogram from the third environment generated using the account profile and session key; and transmitting, by the first environment, the cryptogram and transaction identifier to the external computing device via the secure communication protocol.

Classifications:

International (IPC 8-9): G06Q20/38 H04L29/06 (Advanced/Invention)

CPC: G06Q20/3829 H04L63/083 G06Q20/3823 G06Q20/382 H04L63/062 H04L2463/061

US: 705/71



Family:

Publication number	Publication date	Application number	Application date
US2016110711 AA	20160421	US20150919265	20151021

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Probable Assignee:

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Assignee(s): (std):

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Inventor(s): (std):

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