

Title (en)

SECURING TRANSACTIONS AGAINST CYBERATTACKS

Title (de)

SICHERUNG VON TRANSAKTIONEN GEGEN CYBERATTACKEN

Title (fr)

PROTECTION DES TRANSACTIONS CONTRE LES CYBER-ATTAQUES

Publication

EP 2758922 A4 20150624 (EN)

Application

EP 12832873 A 20120923

Priority

- US 201161626485 P 20110925
- US 201261659376 P 20120613
- US 201213541733 A 20120704
- US 2012056786 W 20120923

Abstract (en)

[origin: WO2013044192A2] Methods and systems are provided for performing a secure transaction. Users register biometric and/or other identifying information. A registration code and an encryption key are generated from the biometric information and/or information obtained from a unpredictable physical process and are stored in a secure area of a device and also transmitted to a service provider. A transaction passcode generator may be computed based on the stored registration code. In at least one embodiment, a unique transaction passcode depends upon the transaction information, so that on the next step of that transaction, only that unique transaction passcode will be valid. In an embodiment, the passcode includes the transaction information. In at least one embodiment, if the transaction information has been altered relative to the transaction information stored in the device's secure area, then the transaction passcode sent during this step will be invalid and transaction may be aborted.

IPC 8 full level

H04L 9/32 (2006.01); **G06F 21/32** (2013.01); **G06F 21/57** (2013.01); **G06Q 20/38** (2012.01); **G06Q 20/40** (2012.01); **G06Q 40/02** (2012.01); **H04L 29/06** (2006.01)

CPC (source: EP)

G06F 21/32 (2013.01); **G06F 21/57** (2013.01); **G06Q 20/38215** (2013.01); **G06Q 20/40145** (2013.01); **G06Q 40/02** (2013.01); **H04L 9/3228** (2013.01); **H04L 9/3234** (2013.01); **H04L 9/3236** (2013.01); **H04L 63/08** (2013.01); **H04L 63/105** (2013.01)

Citation (search report)

- [X] WO 2010057204 A1 20100520 - ENTRUST INC [CA], et al
- [X] US 2009063850 A1 20090305 - JORAM SHARWAN KUMAR [IN], et al
- [A] US 2002046189 A1 20020418 - MORITA AKIRA [JP], et al
- See references of WO 2013044192A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013044192 A2 20130328; WO 2013044192 A3 20130530; EP 2758922 A2 20140730; EP 2758922 A4 20150624

DOCDB simple family (application)

US 2012056786 W 20120923; EP 12832873 A 20120923