

Title (en)

METHOD AND SYSTEM FOR SECURING A PAYMENT TRANSACTION WITH TRUSTED CODE BASE

Title (de)

VERFAHREN UND SYSTEM FÜR SICHERE ZAHLUNGSTRANSAKTIONEN MIT GESICHERTER CODEBASIS

Title (fr)

PROCÉDÉ ET SYSTÈME DE SÉCURISATION D'UNE TRANSACTION DE PAIEMENT À L'AIDE UNE BASE DE CODE DE CONFIANCE

Publication

**EP 2415003 A4 20130501 (EN)**

Application

**EP 10759266 A 20100329**

Priority

- US 2010029075 W 20100329
- US 41442309 A 20090330
- US 41444609 A 20090330

Abstract (en)

[origin: WO2010114799A1] A mobile payment device (130) provides a trusted code base which obtains a password from a customer for processing a payment transaction and encrypts the password using a public key. The trusted code base may be provided on a removable system module such as a subscriber identity module that is inserted into the mobile payment device (130). Access to the trusted code base by unauthorized processes is prevented to protect the password while unencrypted. The mobile payment device (130) transmits the encrypted password over a network (140) to a transaction host (160). The transaction host (160) decrypts the encrypted password and applies the decrypted password to process the payment transaction.

IPC 8 full level

**G06Q 20/00** (2012.01); **G07F 7/08** (2006.01); **G07F 7/10** (2006.01)

CPC (source: EP)

**G06Q 20/027** (2013.01); **G06Q 20/20** (2013.01); **G06Q 20/3227** (2013.01); **G06Q 20/3229** (2013.01); **G06Q 20/325** (2013.01); **G06Q 20/3567** (2013.01); **G07F 7/10** (2013.01); **G07F 7/1091** (2013.01)

Citation (search report)

- [I] WO 2006081525 A2 20060803 - CARDINAL COMMERCE CORP [US], et al
- [I] US 2008189214 A1 20080807 - MUELLER CLAY VON [US], et al
- [X] WO 2008157184 A2 20081224 - ALIBABA GROUP HOLDING LTD [US], et al
- [I] KR 20080010082 A 20080130 - KOREA INF & COMM CO LTD [KR]
- [A] WO 2005109360 A1 20051117 - GIRGIS HANI [EG], et al
- [A] US 2005114683 A1 20050526 - JIN HONGXIA [US], et al
- [A] WO 2006063144 A2 20060615 - WAY SYSTEMS INC [US], et al
- See references of WO 2010114799A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010114799 A1 20101007**; AU 2010232817 A1 20111117; BR PI1015475 A2 20160426; CA 2794560 A1 20101007; EP 2415003 A1 20120208; EP 2415003 A4 20130501; MX 2011010306 A 20120120

DOCDB simple family (application)

**US 2010029075 W 20100329**; AU 2010232817 A 20100329; BR PI1015475 A 20100329; CA 2794560 A 20100329; EP 10759266 A 20100329; MX 2011010306 A 20100329