

Title (en)
METHOD AND SYSTEM FOR UPDATING A CONTACTLESS SMARTCARD AND A COMPUTER READABLE MEDIUM FOR PERFORMING SAID METHOD

Title (de)
VERFAHREN UND SYSTEM ZUR AKTUALISIERUNG EINER KONTAKTLOSEN CHIPKARTE UND COMPUTERLESBARES MEDIUM ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ ET SYSTÈME DE MISE À JOUR D'UNE CARTE À PUCE SANS CONTACT ET SUPPORT LISIBLE PAR ORDINATEUR POUR EFFECTUER LEDIT PROCÉDÉ

Publication
EP 3353729 A1 20180801 (EN)

Application
EP 16848208 A 20160922

Priority
• GB 201516782 A 20150922
• IB 2016001351 W 20160922

Abstract (en)
[origin: GB2542572A] A system for updating contactless smartcards and their transaction logs via NFC from a mobile device. The system may be used in public transport or paid access applications and removes the need for specific infrastructure by allowing updates via a mobile device such as a mobile telephone connected to a secure server. The mobile device communicates with an associated smartcard by means of RFID, wherein the smartcard is provided with a card-transaction log file, comprising a list of transactions having a unique identifier. The server is provided with a plurality of server-transaction log files, with one server-transaction log file for each smartcard, each server-transaction log file comprising completed transactions and pending updates related to the smartcard. The method comprising: reading the card-transaction log of the smartcard for an identifier relating to the last transaction 100, using the identifier to select and review the server-transaction log file for the smartcard to detect pending updates 300, and in case of a pending update, generating instructions on the server to update the selected contactless smartcard 400 and forwarding the instructions to the smartcard so that it is updated 500.

IPC 8 full level
G06Q 20/00 (2012.01)

CPC (source: EP GB US)
G06F 8/65 (2013.01 - GB); **G06F 8/654** (2018.01 - EP US); **G06Q 20/3278** (2013.01 - EP); **G06Q 20/34** (2013.01 - GB); **G06Q 20/341** (2013.01 - EP); **G07B 15/02** (2013.01 - EP GB); **G07C 9/27** (2020.01 - EP GB US); **G07C 9/29** (2020.01 - EP GB)

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

Designated extension state (EPC)
BA ME

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