Title (en)

METHOD FOR SECURELY TRANSMITTING AN APPLICATION FROM A SERVER TO A READING UNIT

Title (de)

VERFAHREN ZUM SICHEREN ÜBERTRAGEN EINER ANWENDUNG VON EINEM SERVER IN EINE LESEGERÄTEINHEIT

Title (fr)

PROCÉDÉ DE TRANSMISSION SÛRE D'UNE APPLICATION D'UN SERVEUR À UNE UNITÉ LECTEUR

Publication

EP 2553867 A1 20130206 (DE)

Application

EP 11710438 A 20110325

Priority

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• EP 2011001525 W 20110325

Abstract (en)

[origin: WO2011124333A1] The invention relates to a method and a system for securely transmitting an application from a server (S) to a reading unit (2) by authenticating a user with a data carrier unit (1). According to the invention, the server (S) provides the application, where a first cryptographically secure channel (K1) based on a first cryptographic information (A) is established between the data carrier unit (1) and the server (S), and a second cryptographically secure channel (K2) based on a second cryptographic information (B) is established between a security module (3) of the reading unit (2) and the server (S). The application is transmitted from the server to the reading unit via the second cryptographically secure channel (K2).

IPC 8 full level

H04L 9/32 (2006.01)

CPC (source: EP US)

H04L 9/3215 (2013.01 - EP US); **H04L 9/3234** (2013.01 - EP US); H04L 2209/805 (2013.01 - EP US)

Citation (search report)

See references of WO 2011124333A1

Citation (examination)

PETER SCHMITZ: "Elektronischen Personalausweis dank NFC-Technik mit dem Handy nutzen", SECURITY INSIDER, 1 March 2010 (2010-03-01), pages 3PP, XP055214135, Retrieved from the Internet <URL:http://www.security-insider.de/themenbereiche/identity-und-access-management/ authentifizierung/articles/251956/> [retrieved on 20150917]

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DOCDB simple family (publication)

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DOCDB simple family (application)

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