

Title (en)
IMPROVED TICKETING SCHEME

Title (de)
VERBESSERTES KARTENAUSGABESCHEMA

Title (fr)
MECANISME D'EMISSION DE BILLETS PERFECTIONNE

Publication
EP 1747541 A1 20070131 (EN)

Application
EP 05744903 A 20050516

Priority

- GB 2005001899 W 20050516
- GB 0410861 A 20040514
- GB 0428320 A 20041223

Abstract (en)
[origin: WO2005111953A1] In an ITSO scheme, construction and initial sealing of ITSO Product Entities (IPEs) is carried out by one of a plurality of ITSO Secure Application Modules ('ISAMs') at a location remote from ticket retailer devices at which the IPE fields are generated. Each ticket retailer device is connected to an ISAM over the Internet or other network by control means operable to select an available ISAM from an ISAM array for the duration of a sealing transaction initiated by that ticket retailer device. Validation of IPEs can also be carried out at a remote ISAM array accessed over the Internet or other network. The remote ISAM array can be used in a variety of ITSO applications, for example, transportation ticket sales or secure systems for the prescription of drugs. In the latter scheme, prescription information is presented by the prescription writer for sealing in the form of an IPE and the patient can later validate the prescription IPE at a pharmacy or other supplier. Such a scheme can be used to reduce prescription fraud significantly because of the security inherent in the ITSO scheme.

IPC 8 full level
G07F 7/10 (2006.01)

CPC (source: EP)
G06Q 20/045 (2013.01); **G06Q 20/3558** (2013.01); **G07F 7/1008** (2013.01); **G07F 9/002** (2020.05)

Citation (search report)
See references of WO 2005111953A1

Citation (examination)

- WO 02076078 A1 20020926 - SONERA SMARTTRUST LTD [FI], et al
- EP 0927958 A2 19990707 - PITNEY BOWES INC [US]

Citation (third parties)
Third party :

- US 2002013764 A1 20020131 - KARNA JUHA-PETRI [FI]
- US 5850442 A 19981215 - MUFTIC SEAD [SE]
- US 2003088672 A1 20030508 - TOGASAKI SHINOBU [US]
- WO 0150429 A1 20010712 - AMERICAN EXPRESS TRAVEL RELATE [US]
- National Smart Card Project report WP9-03g, April 2004.
- ITSO Security Committee, Remote ISAM v Local ISAM Security, 7th October 2004.
- ITSO BOARD MEETING MINUTES B1022. 21 July 2004.

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005111953 A1 20051124; AU 2005242991 A1 20051124; AU 2005242991 B2 20100225; BR PI0511130 A 20071127; EP 1747541 A1 20070131; JP 2007537524 A 20071220

DOCDB simple family (application)
GB 2005001899 W 20050516; AU 2005242991 A 20050516; BR PI0511130 A 20050516; EP 05744903 A 20050516; JP 2007512350 A 20050516