

Title (en)
AUTHENTICITY VERIFICATION BY MEANS OF OPTICAL SCATTERING

Title (de)
AUTHENTIZITÄTSVERIFIKATION MITTELS OPTISCHER STREUUNG

Title (fr)
VERIFICATION DE L'AUTHEENTICITE AU MOYEN D'UNE DIFFUSION OPTIQUE

Publication
EP 1880343 A1 20080123 (EN)

Application
EP 06727017 A 20060505

Priority
• GB 2006001646 W 20060505
• GB 0509635 A 20050511

Abstract (en)
[origin: GB2426100A] Authenticity verification comprises conducting a transaction between first and second parties, the parties being respectively located at first and second locations remote from one-another, the outcome of the transaction being the provision by the first party to the second party of the right to an entitlement token, e.g. a ticket. Following the transaction outcome, data describing a written format for the entitlement token is transmitted from the first party to the second party. The entitlement token can be written (ie. printed) at the second location using the data describing the written format. A first signature for the written entitlement token is created at the second location, the signature being based upon an intrinsic property e.g. a scanned surface image of the written entitlement token, and stored in a signature database. A second signature for the written entitlement token can be created at a third location remote from the second location (upon presentation of the token), the second signature being based upon the same intrinsic property of the written entitlement token; and the attributes of the second signature compared with attributes of the first signature stored in the database to verify the authenticity of the written entitlement token. Alternatively the first signature can be written on the token itself and read upon presentation of the token and compared with the second signature.

IPC 8 full level
G06F 21/33 (2013.01); **G06F 21/64** (2013.01); **G06V 20/80** (2022.01); **G07B 11/00** (2006.01); **G07B 15/00** (2011.01); **G07C 9/00** (2006.01); **G07D 7/20** (2006.01); **G07F 7/12** (2006.01)

CPC (source: EP GB KR US)
G06F 18/00 (2023.01 - EP KR); **G06K 7/10** (2013.01 - GB); **G06K 19/14** (2013.01 - GB); **G06Q 20/045** (2013.01 - EP US); **G06V 20/80** (2022.01 - EP US); **G07B 1/00** (2013.01 - GB); **G07B 11/00** (2013.01 - GB KR); **G07B 15/00** (2013.01 - EP KR); **G07C 9/20** (2020.01 - GB); **G07D 7/004** (2013.01 - EP); **G07D 7/1205** (2017.05 - GB); **G07F 7/08** (2013.01 - EP); **G07F 7/125** (2013.01 - EP); **G07C 9/20** (2020.01 - EP)

Citation (examination)
• US 5822501 A 19981013 - HATTORI YUTAKA [JP]
• US 4327287 A 19820427 - SAITO TUTOMU, et al
• WO 0165497 A1 20010907 - TATIS S A [CH], et al
• US 4296326 A 19811020 - HASLOP JOHN M, et al
• US 2004223648 A1 20041111 - HOENE KEITH [US], et al
• US 5703972 A 19971230 - LOPRESTI DANIEL P [US], et al
• EP 1174809 A2 20020123 - TSUBASA SYSTEM CO LTD [JP]
• See also references of WO 2006120398A1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
GB 0509635 D0 20050615; **GB 2426100 A 20061115**; **GB 2426100 B 20070822**; AU 2006245550 A1 20061116; BR PI0608804 A2 20160823; CA 2608063 A1 20061116; CN 101218593 A 20080709; EP 1880343 A1 20080123; IL 187162 A0 20080209; JP 2008541592 A 20081120; KR 20080008417 A 20080123; MX 2007014105 A 20080205; NO 20076370 L 20080208; RU 2007145709 A 20090620; WO 2006120398 A1 20061116; ZA 200709628 B 20100428

DOCDB simple family (application)
GB 0509635 A 20050511; AU 2006245550 A 20060505; BR PI0608804 A 20060505; CA 2608063 A 20060505; CN 200680022695 A 20060505; EP 06727017 A 20060505; GB 2006001646 W 20060505; IL 18716207 A 20071105; JP 2008510626 A 20060505; KR 20077028851 A 20071210; MX 2007014105 A 20060505; NO 20076370 A 20071210; RU 2007145709 A 20060505; ZA 200709628 A 20071108