

Title (en)
SECURE SIGNATURES

Title (de)
SICHERE SIGNATUREN

Title (fr)
SIGNATURES SÉCURISÉES

Publication
EP 2013770 A4 20090826 (EN)

Application
EP 07774948 A 20070405

Priority
• US 2007008678 W 20070405
• US 74599306 P 20060428
• US 61162406 A 20061215

Abstract (en)
[origin: WO2007127038A2] Systems and methods for secure signatures are described. In one aspect, a secure signature is generated. The secure signature strongly binds an image of an electronic signature (an "electronic signature") to content in either electronic or printed form. Responsive to receiving a request from a user, the systems and methods determine whether an electronic signature associated with a printed page represents a secure signature. If so, the systems and methods determine and notify the user of whether the secure signature was cryptographically bound by a signer of the electronic signature to the content being signed.

IPC 8 full level
G06F 17/00 (2006.01); **G06F 21/64** (2013.01)

CPC (source: EP KR)
G06F 21/00 (2013.01 - KR); **G06F 21/64** (2013.01 - EP); **H04L 9/32** (2013.01 - KR); **H04L 9/3236** (2013.01 - EP); **H04L 9/3247** (2013.01 - EP); **H04L 2209/60** (2013.01 - EP)

Citation (search report)
• [X] US 2005036651 A1 20050217 - WEN TIAN [CN]
• [X] US 6757826 B1 20040629 - PALTENGHE CRIS T [US]
• [A] FABIEN A P PETITCOLAS ET AL: "Information Hiding-A Survey", PROCEEDINGS OF THE IEEE, IEEE. NEW YORK, US, vol. 87, no. 7, 1 July 1999 (1999-07-01), XP011044235, ISSN: 0018-9219
• [X] MIN WU ET AL: "Data hiding in binary image for authentication and annotation", IEEE TRANSACTIONS ON MULTIMEDIA IEEE USA, vol. 6, no. 4, August 2004 (2004-08-01), pages 528 - 538, XP007909136, ISSN: 1520-9210
• See references of WO 2007127038A2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007127038 A2 20071108; WO 2007127038 A3 20071221; CA 2645213 A1 20071108; EP 2013770 A2 20090114; EP 2013770 A4 20090826; JP 2009535898 A 20091001; KR 20080113264 A 20081229

DOCDB simple family (application)
US 2007008678 W 20070405; CA 2645213 A 20070405; EP 07774948 A 20070405; JP 2009507701 A 20070405; KR 20087026274 A 20081027