

Title (en)

METHOD AND SYSTEM FOR GENERATING A LIST SIGNATURE

Title (de)

VERFAHREN UND SYSTEM ZUR ERZEUGUNG EINER LISTENUNTERSCHRIFT

Title (fr)

ABREGE DESCRIPTIF PROCEDE ET SYSTEME DE SIGNATURE DE LISTE

Publication

**EP 1747639 A1 20070131 (FR)**

Application

**EP 05773026 A 20050518**

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- EP 04291289 A 20040519
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Abstract (en)

[origin: WO2005122466A1] The invention relates to a method for generating a list signature for a message to be signed (M), said method comprising steps which are carried out by an electronic material support (7) of a member of a list. During said step, the electronic material support only generates an electronic signature (Si) according to a sequence number (REPSEQ) supplied to the electronic material support by a certifying authority, according to evidence of belonging (SKL) to the list of members, to data (Idi, SKi) relating to the electronic material support, and optionally to a key of an authority qualified to lift the anonymity of the generated signature.

IPC 8 full level

**H04L 9/32** (2006.01)

CPC (source: EP KR US)

**H04L 9/32** (2013.01 - KR); **H04L 9/3255** (2013.01 - EP US); **H04L 2209/42** (2013.01 - EP US); **H04L 2209/463** (2013.01 - EP US);  
**H04L 2209/56** (2013.01 - EP US)

Citation (search report)

See references of WO 2005122466A1

Citation (examination)

- "Correct System Design", vol. 2727, 1 January 2003, SPRINGER INTERNATIONAL PUBLISHING, Cham, ISBN: 978-3-642-27584-5, ISSN: 0302-9743, article SÉBASTIEN CANARD ET AL: "On Fair E-cash Systems Based on Group Signature Schemes", pages: 237 - 248, XP055274171, 032548, DOI: 10.1007/3-540-45067-X\_21
- SÉBASTIEN CANARD ET AL: "WCC 2003: List Signature Schemes and Application to Electronic Voting", WCC 2003, 25 March 2003 (2003-03-25), XP055274172, Retrieved from the Internet <URL:https://www.rocq.inria.fr/secret/WCC2003/program.html> [retrieved on 20160520]
- "IFIP. INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING", vol. 153, 22 August 2004, ISSN: 1571-5736, article SÉBASTIEN CANARD ET AL: "Anonymous Services Using Smart Cards and Cryptography", pages: 83 - 98, XP055274173, DOI: 10.1007/1-4020-8147-2\_6

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