

Title (en)

DIGITAL RIGHTS MANAGEMENT IN A MOBILE ENVIRONMENT

Title (de)

DIGITALE RECHTEVERWALTUNG IN EINER MOBILEN UMGEBUNG

Title (fr)

GESTION DES DROITS NUMÉRIQUES DANS UN ENVIRONNEMENT MOBILE

Publication

**EP 2486742 A4 20141105 (EN)**

Application

**EP 10821541 A 20101012**

Priority

- US 25025409 P 20091009
- CA 2010001636 W 20101012

Abstract (en)

[origin: WO2011041916A1] Embodiments provide a method that causes a plurality of virtual machine instructions to be interpreted for indications of a mobile device's hardware identification information, thus forming a plurality of hardware instruction interpretations. The embodiment also combines each of the plurality of hardware instruction interpretations and hashes the combination to form a quasi-hardware device identifier. An encryption process is based on the quasi-hardware encryption device identifier and the media is then encrypted using the encryption process. The encrypted media is transferred to the mobile device wherein the mobile device decrypts the media based at least in part on the mobile device's internal knowledge of the quasi-hardware device identification.

IPC 8 full level

**H04W 12/04** (2009.01)

CPC (source: EP US)

**H04W 12/02** (2013.01 - EP US); **H04L 2463/101** (2013.01 - EP); **H04W 12/08** (2013.01 - EP); **H04W 12/63** (2021.01 - EP US); **H04W 12/64** (2021.01 - EP US)

Citation (search report)

- [I] EP 1617588 A1 20060118 - SONY CORP [JP]
- [I] US 2007124818 A1 20070531 - BUMILLER GEORGE B [US], et al
- [I] JOONSANG BAEK ET AL: "Efficient Multi-receiver Identity-Based Encryption and Its Application to Broadcast Encryption", 23 January 2005, PUBLIC KEY CRYPTOGRAPHY - PKC 2005 : 8TH INTERNATIONAL WORKSHOP ON THEORY AND PRACTICE IN PUBLIC KEY CRYPTOGRAPHY; LES DIABLERETS, SWITZERLAND; JANUARY 23 - 26, 2005; [LECTURE NOTES IN COMPUTER SCIENCE], SPRINGER, BERLIN, PAGE(S) 380 - 397, ISBN: 978-3-540-24454-7, XP047030061
- See references of WO 2011041916A1

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