

Title (en)
METHOD AND SYSTEM FOR A RECURSIVE SECURITY PROTOCOL FOR DIGITAL COPYRIGHT CONTROL

Title (de)
VERFAHREN UND SYSTEM FÜR EIN REKURSIVES SICHERHEITSPROTOKOLL FÜR DIGITALE COPYRIGHT-KONTROLLE

Title (fr)
PROCÉDÉ ET SYSTÈME POUR UN PROTOCOLE DE SÉCURITÉ RÉCURSIF POUR UN CONTRÔLE DE DROITS D'AUTEUR NUMÉRIQUE

Publication
EP 2119092 A4 20120222 (EN)

Application
EP 07772246 A 20070306

Priority
US 2007005803 W 20070306

Abstract (en)
[origin: WO2008108764A2] Systems and methods are described which utilize a recursive security protocol for the protection of digital data. These may include encrypting a bit stream with a first encryption algorithm and associating a first decryption algorithm with the encrypted bit stream. The resulting bit stream may then be encrypted with a second encryption algorithm to yield a second bit stream. This second bit stream is then associated with a second decryption algorithm. This second bit stream can then be decrypted by an intended recipient using associated keys.

IPC 8 full level
G06F 21/00 (2006.01); **G06F 21/60** (2013.01); **H04L 9/08** (2006.01); **H04L 9/18** (2006.01); **H04L 9/32** (2006.01); **H04L 29/06** (2006.01); **H04N 7/167** (2011.01); **H04N 21/266** (2011.01); **H04N 21/4623** (2011.01)

CPC (source: EP)
G06F 21/602 (2013.01); **H04L 9/065** (2013.01); **H04L 9/0891** (2013.01); **H04L 9/3242** (2013.01); **H04L 9/3247** (2013.01); **H04L 63/0457** (2013.01); **H04L 63/062** (2013.01); **H04L 2209/56** (2013.01); **H04L 2209/603** (2013.01); **H04N 21/2347** (2013.01); **H04N 21/4405** (2013.01)

Citation (search report)

- [X] US 2006101524 A1 20060511 - WEBER JOSEPH W [US]
- [X] US 2005021941 A1 20050127 - OHMORI MOTOJI [JP], et al
- [X] US 2005058291 A1 20050317 - CANDELORE BRANT [US]
- [A] US 6398245 B1 20020604 - GRUSE GEORGE GREGORY [US], et al
- See references of WO 2008108764A2

Citation (examination)

- US 2004107356 A1 20040603 - SHAMOON TALAL G [US], et al
- DE 10224473 A1 20031224 - MUESCHENBORN HANS-JOACHIM [DE]
- EP 1560361 A1 20050803 - BROADCOM CORP [US]
- WO 2005088893 A1 20050922 - PSYCRYPT INC [US], et al

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