Title (en)
METHOD AND SYSTEM FOR MANAGING KEYS AND/OR RIGHTS OBJECTS

Title (de)
VERFAHREN UND SYSTEM ZUR VERWALTUNG VON SCHLÜSSELN UND/ODER RECHTEOBJEKTEN

Title (fr)
PROCÉDÉ ET SYSTÈME DE GESTION DE CLÉS ET/OU D'OBJETS DE DROITS

Publication
EP 1949294 A2 20080730 (EN)

Application
EP 06850155 A 20061115

Priority
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• US 28322105 A 20051118

Abstract (en)
[origin: WO2007094874A2] One or more rights objects (RO) files may be used for storing RO's preferably in the protected area available only to authenticated users. A RO navigation file is stored preferably in an unprotected public area containing status bits, where each status bit identifies whether a location in a RO file contains a valid RO or not. Preferably, there is a one-to-one correspondence between the location for a RO in a RO file and a location in the RO navigation file for the status bit which identifies whether its corresponding location in the RO file contains a valid RO or not. Whether a particular location in a RO file contains a valid RO or not can be found by checking its corresponding status bit in the RO navigation file. By finding out whether a particular location in a RO file contains a valid RO or not in this manner, it is possible to delete ROs without having to go through an authentication process. The process of finding an empty slot in the RO file for storing a new RO is also simplified. This greatly increases the efficiency of RO management. A similar system may be used for management of content encryption/ encryption keys for protecting content files.

IPC 8 full level
G06F 21/10 (2013.01); **G06F 21/78** (2013.01)

CPC (source: EP KR US)
G06F 21/00 (2013.01 - KR); **G06F 21/10** (2013.01 - EP US); **G06F 21/78** (2013.01 - EP)

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