

Title (en)
DIGITAL RIGHTS MANAGEMENT USING NETWORK TOPOLOGY TESTING

Title (de)
VERWALTUNG DIGITALER RECHTE ÜBER NETZWERKTOPOLOGIETESTS

Title (fr)
GESTION DE DROITS NUMERIQUES AU MOYEN D'UN TEST DE TOPOLOGIE DE RESEAU

Publication
EP 1820147 A4 20090923 (EN)

Application
EP 05822285 A 20051103

Priority

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- US 99803004 A 20041124

Abstract (en)
[origin: WO2006050521A2] A method and system for preventing unauthorized use of copyrighted digital information over a broadband network includes testing network topology between a source and recipient device. Testing may include transmitting well-crafted information packets for transmission between source and recipient, and evaluating network response to gain information about the topology of the connecting network. Key components for using digital content, or the content itself, may be placed in a package that will not be transmitted by unauthorized network devices. Authorization or capability to use or receive the digital content is based at least in part on network topology between the source and recipient device.

IPC 8 full level
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CPC (source: EP KR US)
G06F 17/00 (2013.01 - KR); **G06F 21/10** (2013.01 - EP US); **H04L 43/50** (2013.01 - EP); **H04L 63/10** (2013.01 - EP); **H04L 63/107** (2013.01 - EP); **H04L 2463/101** (2013.01 - EP)

Citation (search report)

- [X] US 2003046022 A1 20030306 - SILVERMAN ROBERT M [US]
- [XA] US 2004052257 A1 20040318 - ABDO MIGUEL [US], et al
- [X] WO 02088991 A1 20021107 - MARKANY INC [KR]
- [A] US 2003037010 A1 20030220 - SCHMELZER RICHARD A [US]
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Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
US 2005040168 W 20051103; EP 05822285 A 20051103; JP 2007540106 A 20051103; KR 20077012620 A 20070604