

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 A2 20070822 (EN)**

Application

**EP 05822285 A 20051103**

Priority

- US 2005040168 W 20051103
- US 62482904 P 20041103
- 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

**G06F 15/00** (2006.01); **G06F 15/16** (2006.01); **G06F 15/173** (2006.01); **G06F 21/10** (2013.01); **H04L 12/24** (2006.01); **H04L 12/26** (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01)

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)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**WO 2006050521 A2 20060511**; **WO 2006050521 A3 20071206**; EP 1820147 A2 20070822; EP 1820147 A4 20090923; JP 2008519355 A 20080605; KR 20070085748 A 20070827

DOCDB simple family (application)

**US 2005040168 W 20051103**; EP 05822285 A 20051103; JP 2007540106 A 20051103; KR 20077012620 A 20070604