

Title (en)
RECORDING MEDIUM, APPARATUS FOR FORMING THE RECORDING MEDIUM, AND APPARATUS AND METHOD FOR REPRODUCING THE RECORDING MEDIUM

Title (de)
AUFZEICHNUNGSTRÄGER, VORRICHTUNG ZUR DARSTELLUNG DES AUFZEICHNUNGSTRÄGER, UND VORRICHTUNG ZUM REPRODUZIEREN DES AUFZEICHNUNGSTRÄGER

Title (fr)
SUPPORT D'ENREGISTREMENT, APPAREIL DE FORMATION DU SUPPORT D'ENREGISTREMENT ET APPAREIL ET PROCEDE DE REPRODUCTION DU SUPPORT D'ENREGISTREMENT

Publication
EP 1597730 A4 20110907 (EN)

Application
EP 04712781 A 20040219

Priority
• KR 2004000338 W 20040219
• US 44770603 P 20030219
• KR 20030073800 A 20031022

Abstract (en)
[origin: WO2004075193A1] Disclosed herein are a recording medium, an apparatus for forming the recording medium, and an apparatus and method for reproducing the recording medium. CPI (Copy Protection-related Information), identification information (CPI_Flag) indicative of recording or non-recording of the CPI, and/or a plurality of contents specific information (CSI) with different formats are recorded in a PIC (Permanent Information & Control data) zone of a high-density optical disc such as a BD-ROM (Blu-ray Disc-ROM). A formatting operation and mastering operation are performed under the condition that control data including the CPI, CPI_Flag and/or CSI is separated from main data. An optical disc device judges whether the optical disc has been illegally copied, with reference to the CPI, CPI_Flag and/or CSI read from the optical disc, and compulsorily stops a data playback operation upon judging that the disc has been illegally copied. Therefore, it is possible to effectively protect an optical disc from illegal copying, make an accurate and easy distinction between a legally made optical disc and an illegally made optical disc, and restrict reproduction of an illegally made optical disc.

IPC 8 full level
G11B 20/10 (2006.01); **G11B 7/005** (2006.01); **G11B 7/007** (2006.01); **G11B 19/12** (2006.01); **G11B 20/00** (2006.01); **G11B 20/12** (2006.01)

CPC (source: EP)
G11B 7/00736 (2013.01); **G11B 7/24082** (2013.01); **G11B 19/122** (2013.01); **G11B 20/00086** (2013.01); **G11B 20/00094** (2013.01); **G11B 20/00115** (2013.01); **G11B 20/00181** (2013.01); **G11B 20/0021** (2013.01); **G11B 20/00304** (2013.01); **G11B 20/00492** (2013.01); **G11B 20/00601** (2013.01); **G11B 20/00688** (2013.01); **G11B 20/00695** (2013.01); **G11B 20/1217** (2013.01); **G11B 7/0053** (2013.01); **G11B 20/1229** (2013.01); **G11B 20/1279** (2013.01); **G11B 20/1288** (2013.01); **G11B 2220/2541** (2013.01)

Citation (search report)
• [Y] WO 0237493 A1 20020510 - SONY CORP [JP], et al
• [Y] EP 1158499 A2 20011128 - VICTOR COMPANY OF JAPAN [JP]
• [E] WO 2004066283 A1 20040805 - LG ELECTRONICS INC [KR], et al
• [A] EP 0723216 A2 19960724 - SONY CORP [JP]
• [A] US 2002145947 A1 20021010 - MINAMINO JUNICHI [JP], et al & US 2003117920 A1 20030626 - SAKO YOICHIRO [JP], et al & EP 1586089 A1 20051019 - LG ELECTRONICS INC [KR]
• See references of WO 2004075193A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004075193 A1 20040902; EP 1597730 A1 20051123; EP 1597730 A4 20110907; JP 2006518529 A 20060810

DOCDB simple family (application)
KR 2004000338 W 20040219; EP 04712781 A 20040219; JP 2006502712 A 20040219