

Title (en)
SYSTEM FOR APPLYING MARKINGS TO OPTICAL MEDIA

Title (de)
SYSTEM ZUM ANBRINGEN VON MARKIERUNGEN AN OPTISCHEN MEDIEN

Title (fr)
SYSTEME POUR APPLIQUER DES MARQUES A UN SUPPORT OPTIQUE

Publication
EP 1540416 A4 20090325 (EN)

Application
EP 03756837 A 20030918

Priority

- US 0329514 W 20030918
- US 41215302 P 20020918
- US 48994503 P 20030722

Abstract (en)
[origin: WO2004027683A2] Disclosed herein is a system for recording a marking in the readout area of an optical media, wherein the marking does not interfere, or substantially interfere, with the readout of data from the optical media. The system disclosed herein is supportive of commercial production requirements. Markings may contain content as desired by the user of the system, including text, graphics, or other items. The marking is formed in a photosensitive coating that is applied to the optical media, and then cured with a first light. A second light, having a substantially separate band of wavelengths from the first light, is used to image a marking into the coating. The coating is robust to many external influences, such as ambient environmental conditions, and physical wear.

IPC 1-7
G03C 1/492; **G03C 7/24**; **G03C 5/16**; **G03C 1/725**; **G03C 1/735**; **B32B 3/02**

IPC 8 full level
G03C 1/492 (2006.01); **G11B 7/242** (2006.01); **G11B 7/244** (2006.01); **G11B 7/252** (2006.01); **G11B 7/254** (2013.01); **G11B 7/26** (2006.01); **G11B 23/40** (2006.01); **G11B 7/246** (2013.01); **G11B 7/253** (2006.01); **G11B 7/2534** (2013.01); **G11B 7/258** (2013.01)

CPC (source: EP)
G11B 7/252 (2013.01); **G11B 7/254** (2013.01); **G11B 7/266** (2013.01); **G11B 7/268** (2013.01); **G11B 23/40** (2013.01); **G11B 7/246** (2013.01); **G11B 7/2534** (2013.01); **G11B 7/258** (2013.01)

Citation (search report)

- [PXL] US 2003012562 A1 20030116 - LAWANDY NABIL M [US], et al
- [X] WO 9965696 A1 19991223 - SONY CORP [JP], et al
- See references of WO 2004027683A2

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
WO 2004027683 A2 20040401; **WO 2004027683 A3 20040902**; AU 2003299001 A1 20040408; CA 2499640 A1 20040401; EP 1540416 A2 20050615; EP 1540416 A4 20090325; JP 2005539343 A 20051222; JP 4530273 B2 20100825; MX PA05003053 A 20050527

DOCDB simple family (application)
US 0329514 W 20030918; AU 2003299001 A 20030918; CA 2499640 A 20030918; EP 03756837 A 20030918; JP 2004538244 A 20030918; MX PA05003053 A 20030918