

Title (en)
INCORPORATION OF MARKINGS IN OPTICAL MEDIA

Title (de)
INTEGRATION VON MARKIERUNGEN IN OPTISCHEMEDIEN

Title (fr)
INCORPORATION DE REPERES DANS DES SUPPORTS OPTIQUES

Publication
EP 1558969 A4 20090325 (EN)

Application
EP 03781782 A 20031105

Priority

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- US 48994503 P 20030722

Abstract (en)
[origin: WO2004042704A2] Optical media having markings that are non-interfering, or substantially non-interfering with readout of data from the optical media are disclosed. The optical media make use of certain formulations of color forming coatings described herein. Protective coatings used to enhance the color forming coatings are also presented. Methods for incorporating the coatings into the optical media are included. In preferred embodiments, 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 8 full level
B32B 3/02 (2006.01); **G03C 1/492** (2006.01); **G03C 1/725** (2006.01); **G03C 1/73** (2006.01); **G03C 7/24** (2006.01); **G04C 5/00** (2006.01); **G11B 23/40** (2006.01); **G11B 7/24** (2006.01); **G11B 7/24038** (2013.01)

IPC 8 main group level
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Citation (search report)

- [PXL] US 2003012562 A1 20030116 - LAWANDY NABIL M [US], et al
- See references of WO 2004042704A2

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
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