

Title (en)

ORGANIC RECORDING MEDIUM FOR FLUORESCENT WORM DISKS

Title (de)

ORGANISCHES AUFZEICHNUNGSMEDIUM FÜR FLUORESZIERENDE WORM-SCHEIBEN

Title (fr)

SUPPORT D'ENREGISTREMENT ORGANIQUE POUR DISQUES FLUORESCENTS DU TYPE WORM

Publication

EP 1131202 A1 20010912 (EN)

Application

EP 99969062 A 19990917

Priority

- US 9921288 W 19990917
- US 10072698 P 19980917

Abstract (en)

[origin: WO0015425A1] A dye-in-polymer composition for use in fluorescent WORM discs comprises about 0.1 to 10% by weight of a fluorescent dye capable of absorbing laser radiation and transforming the absorbed light into heat; about 10 to 80% by weight of nitrocellulose and a film forming polymer. The dye containing solution is applied to a substrate of an optical reading medium by a spin, roller or dip coating. The method utilizes a focused laser beam for scanning the recording layer.

IPC 1-7

B32B 3/00

IPC 8 full level

B41M 5/26 (2006.01); **C08J 7/043** (2020.01); **C09B 67/46** (2006.01); **G11B 7/24** (2013.01); **G11B 7/24038** (2013.01); **G11B 7/244** (2006.01); **G11B 7/246** (2013.01); **G11B 7/2472** (2013.01); **G11B 7/248** (2006.01); **G11B 7/256** (2006.01); **G11B 7/26** (2006.01); **G11B 7/253** (2006.01); **G11B 7/2534** (2013.01)

CPC (source: EP US)

C08J 7/0427 (2020.01 - EP); **C08J 7/043** (2020.01 - EP US); **G11B 7/24** (2013.01 - EP); **G11B 7/24038** (2013.01 - EP); **G11B 7/245** (2013.01 - EP); **G11B 7/246** (2013.01 - EP US); **G11B 7/2472** (2013.01 - EP); **G11B 7/248** (2013.01 - EP); **G11B 7/266** (2013.01 - EP); **C08J 2369/00** (2013.01 - EP); **C08J 2401/00** (2013.01 - EP); **G11B 7/2534** (2013.01 - EP); **G11B 7/256** (2013.01 - EP); **G11B 2007/24624** (2013.01 - EP)

Cited by

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