

Title (en)  
FLUORESCENT COMPOSITION FOR THE MANUFACTURE OF CD-ROM TYPE OPTICAL MEMORY DISKS

Title (de)  
FLUORESZENZZUSAMMENSETZUNG ZUR HERSTELLUNG VON OPTISCHEN SPEICHERPLATTEN

Title (fr)  
COMPOSITION FLUORESCENTE POUR FABRIQUER DES DISQUES OPTIQUES DU TYPE CD-ROM

Publication  
**EP 1036129 A4 20001227 (EN)**

Application  
**EP 98957623 A 19981106**

Priority  
• US 9823625 W 19981106  
• US 6438897 P 19971107

Abstract (en)  
[origin: WO9924527A1] A CD-ROM type optical disk, whether single-layer or multi-layer, is formed on a substrate having pits in its surface. The pits are filled with a fluorescent composition. Multiple disks such as that one can be glued on top of one another. Suitable fluorescent compositions include xanthene dyes of the eosine group, xanthene dyes of the rhodamine group, acridine dyes, oxazine dyes, azine dyes, indigoide dyes, perylene dyes, violanthrone dyes, cyanine dyes, phthalocyanine dyes, and porphyrins.

IPC 1-7  
**C09K 11/06**; **G11B 3/70**; **G11B 7/24**

IPC 8 full level  
**B41M 5/26** (2006.01); **C09K 11/06** (2006.01); **G11B 7/24** (2013.01); **G11B 7/24024** (2013.01); **G11B 7/24038** (2013.01); **G11B 7/24047** (2013.01); **G11B 7/24085** (2013.01); **G11B 7/244** (2006.01); **G11B 7/245** (2006.01); **G11B 7/247** (2006.01); **G11B 7/2472** (2013.01); **G11B 7/248** (2006.01); **G11B 7/26** (2006.01); **G11B 7/246** (2006.01); **G11B 7/253** (2006.01); **G11B 7/2534** (2013.01)

CPC (source: EP)  
**G11B 7/244** (2013.01); **G11B 7/245** (2013.01); **G11B 7/2472** (2013.01); **G11B 7/248** (2013.01); **G11B 7/26** (2013.01); **G11B 7/246** (2013.01); **G11B 7/2534** (2013.01); **G11B 7/256** (2013.01); **G11B 2007/24624** (2013.01)

Citation (search report)  
• [Y] WO 9637888 A1 19961128 - OPTICOM AS [NO], et al  
• [X] PATENT ABSTRACTS OF JAPAN vol. 12, no. 321 31 August 1988 (1988-08-31)  
• [X] DATABASE WPI Section Ch Week 198201, Derwent World Patents Index; Class E24, AN 1982-00530e, XP002151992  
• [X] PATENT ABSTRACTS OF JAPAN vol. 17, no. 442 16 August 1993 (1993-08-16)  
• [Y] DATABASE WPI Section Ch Week 199314, Derwent World Patents Index; Class A12, AN 1993-112514, XP002151993  
• [Y] DATABASE WPI Section Ch Week 198919, Derwent World Patents Index; Class A12, AN 1989-141914, XP002151994  
• [Y] DATABASE WPI Section Ch Week 199109, Derwent World Patents Index; Class A12, AN 1991-061396, XP002151995  
• See references of WO 9924527A1

Cited by  
US9275671B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9924527 A1 19990520**; AU 1384099 A 19990531; EP 1036129 A1 20000920; EP 1036129 A4 20001227; JP 2001522745 A 20011120

DOCDB simple family (application)  
**US 9823625 W 19981106**; AU 1384099 A 19981106; EP 98957623 A 19981106; JP 2000520526 A 19981106