

Title (en)
OPTICAL SCANNING DEVICE

Title (de)
OPTISCHE ABTASTVORRICHTUNG

Title (fr)
DISPOSITIF DE BALAYAGE OPTIQUE

Publication
EP 1459307 A2 20040922 (EN)

Application
EP 02804330 A 20021205

Priority

- EP 02804330 A 20021205
- EP 01204786 A 20011207
- IB 0205238 W 20021205

Abstract (en)
[origin: WO03049095A2] An optical scanning device for scanning a dual-layer optical record carrier. The device comprises a spherical aberration compensation optical subsystem including a switchable liquid crystal cell (10) for altering an optical path lengths generated in a non-periodic phase structure (NPS) element (14) formed of birefringent material.

IPC 1-7
G11B 7/12

IPC 8 full level
G02B 5/30 (2006.01); **G02F 1/13** (2006.01); **G11B 7/12** (2006.01); **G11B 7/125** (2006.01); **G11B 7/135** (2006.01)

CPC (source: EP KR)
G02F 1/13 (2013.01 - KR); **G11B 7/1367** (2013.01 - EP); **G11B 7/1369** (2013.01 - EP KR); **G11B 7/13922** (2013.01 - EP); **G11B 7/13925** (2013.01 - EP); **G11B 2007/0013** (2013.01 - EP)

Citation (search report)
See references of WO 03049095A2

Cited by
US7522507B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

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IB 0205238 W 20021205; AU 2002365733 A 20021205; EP 02804330 A 20021205; JP 2003550209 A 20021205; KR 20047008627 A 20021205