

Title (en)

DEVICE FOR LOCKING AN OPTICAL PICKUP UNIT OF AN OPTICAL DRIVE

Title (de)

EINRICHTUNG ZUM VERRIEGELN EINER OPTISCHEN ABNEHMEREINHEIT EINES OPTISCHEN LAUFWERKS

Title (fr)

DISPOSITIF DESTINE AU VERROUILLAGE D'UNE UNITE DE LECTURE OPTIQUE D'UN LECTEUR DE DISQUE OPTIQUE

Publication

EP 1756813 A1 20070228 (EN)

Application

EP 05709002 A 20050314

Priority

- IB 2005050893 W 20050314
- EP 04300145 A 20040317
- EP 05709002 A 20050314

Abstract (en)

[origin: WO2005091276A1] The present invention relates to an optical drive comprising an optical pickup unit; a linear drive motor; and a follower (12) coupled to said optical pickup unit and cooperatively engaged with said motor, such that operation of said motor causes linear movement of said follower (12) and optical pickup unit during normal operation. Said optical drive further comprises a stop member (26) arranged and configured such that during normal operation of said optical drive, movement of said follower (12) is permitted by said stop member (26) and locking means (18,28a-28b) for causing movement of said follower (12) relative to said stop member (26) at a predetermined drive position to a locked position in which movement thereof is restricted or prevented by said stop member (26).

IPC 8 full level

G11B 7/08 (2006.01); **G11B 7/085** (2006.01); **G11B 21/02** (2006.01)

CPC (source: EP KR)

G11B 7/08 (2013.01 - KR); **G11B 7/085** (2013.01 - KR); **G11B 7/08582** (2013.01 - EP); **G11B 21/02** (2013.01 - KR)

Citation (search report)

See references of WO 2005091276A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2005091276 A1 20050929; CN 1950890 A 20070418; EP 1756813 A1 20070228; JP 2007529840 A 20071025; KR 20060127260 A 20061211; TW 200539158 A 20051201

DOCDB simple family (application)

IB 2005050893 W 20050314; CN 200580014843 A 20050314; EP 05709002 A 20050314; JP 2007503479 A 20050314; KR 20067021394 A 20061016; TW 94107859 A 20050315