

Title (en)

MAGNETO-OPTICAL READING DEVICE FOR MULTITRACK MAGNETIC TAPES

Title (de)

MAGNETO-OPTISCHE LESEVORRICHTUNG FÜR MEHRSPURIGE MAGNETBÄNDER

Title (fr)

DISPOSITIF DE LECTURE MAGNETO-OPTIQUE POUR BANDES MAGNETIQUES MULTIPISTES

Publication

**EP 1203374 A1 20020508 (FR)**

Application

**EP 00956621 A 20000804**

Priority

- FR 0002248 W 20000804
- FR 9910367 A 19990810
- FR 0004502 A 20000407

Abstract (en)

[origin: WO0111619A1] The invention concerns devices designed for parallel magneto-optical reading of magnetic tracks (101) of a multitrack magnetic tape (102). It consists in compensating the movement of the active part (104) of said head caused by wear. To achieve this, by means of a plate with rotary planar surfaces (112) the incident reading beam (105) directed on the magneto-optical head proper (103) is deflected. To correct the displacement of the reflected reverse beam (106) caused by the movements of the incident beam and maintain said beam of the sensing bar (107) of the device, a second rotary plate (109) with parallel planar faces is used. Said second plate will preferably be used to compensate the looping movements of the magnetic tape. It enables to increase the life span of such a device.

IPC 1-7

**G11B 11/105**

IPC 8 full level

**G11B 11/105** (2006.01); **G11B 7/003** (2006.01); **G11B 7/14** (2006.01)

CPC (source: EP US)

**G11B 11/10547** (2013.01 - EP US); **G11B 7/003** (2013.01 - EP US); **G11B 7/14** (2013.01 - EP US); **G11B 11/10576** (2013.01 - EP US)

Citation (search report)

See references of WO 0111619A1

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)

**FR 2797514 A1 20010216**; **FR 2797514 B3 20011012**; EP 1203374 A1 20020508; US 6958956 B1 20051025; WO 0111619 A1 20010215

DOCDB simple family (application)

**FR 0004502 A 20000407**; EP 00956621 A 20000804; FR 0002248 W 20000804; US 4847602 A 20020617