

Title (en)

OPTICAL SCANNING HEAD FOR READING DATA STORED ON A MEDIUM

Title (de)

OPTISCHER ABTASTKOPF ZUM LESEN VON AUF EINEM AUFZEICHNUNGSTRÄGER GESPEICHERTEN DATEN

Title (fr)

TETE DE BALAYAGE OPTIQUE POUR LA LECTURE DE DONNEES MEMORISEES SUR UN SUPPORT D'INFORMATION

Publication

**EP 1264306 A1 20021211 (DE)**

Application

**EP 01913695 A 20010220**

Priority

- DE 0100649 W 20010220
- DE 10008548 A 20000224

Abstract (en)

[origin: WO0163602A1] The invention relates to an optical scanning head (1) in which, for the stabilization of the position with regard to the rotational movements caused by at least one translational adjuster element (3), the positions of the center of gravity (8) of the scanning head (1) and the point of action (9) of the resulting overall adjusting force (13) of the at least one adjuster element (3) are equalized or can be equalized during operation with respect to a certain translational direction for a corresponding translational adjusting movement of the optical scanning head (1). The invention further relates to a corresponding method for carrying out such an equalization that comprises the following steps: determining the position of the center of gravity (8) of the optical scanning head (1); determining the position of the point of action (9) of the resulting overall adjusting force (13) of the at least one adjuster element (3) with respect to a certain translational direction for the corresponding translational adjusting movement of the optical scanning head (1); and equalizing the positions of the center of gravity of the optical scanning head (1) and the point of action (9) of the resulting overall adjusting force (13) of the at least one adjuster element (3).

IPC 1-7

**G11B 7/09**

IPC 8 full level

**G11B 7/09** (2006.01)

CPC (source: EP)

**G11B 7/0935** (2013.01); **G11B 7/0946** (2013.01)

Designated contracting state (EPC)

DE FR GB IT PT

DOCDB simple family (publication)

**WO 0163602 A1 20010830**; DE 10008548 A1 20010830; EP 1264306 A1 20021211; HU P0204545 A2 20030628

DOCDB simple family (application)

**DE 0100649 W 20010220**; DE 10008548 A 20000224; EP 01913695 A 20010220; HU P0204545 A 20010220