

Title (en)
Fixing device for magnetic field sensor

Title (de)
Halterung für Magnetfeldsensoren

Title (fr)
Fixation pour capteur de champ magnétique

Publication
EP 1348935 B1 20040818 (DE)

Application
EP 03004762 A 20030305

Priority
DE 20204874 U 20020327

Abstract (en)
[origin: US2004031385A1] An arrangement for axially variably mounting a magnetic field sensor in a guide groove arranged on the exterior of an operating cylinder in which a piston reciprocates. The groove is longitudinally slitted and the sensor has a generally elliptical cross-section which is dimensioned so that the sensor can be inserted into the groove through the slit. By turning the sensor about its longitudinal axis, it becomes restrained to the groove while permitting sliding movement of the sensor over the length of the groove. A screw with an oval head is threaded into the sensor, is disposed inside the groove, and upon turning it the head of the groove engages interior shoulders extending along both sides of the slit. By turning the screw so that the head engages the shoulder, the sensor becomes clamped and thereby fixedly positioned at the desired location along the groove.

IPC 1-7
G01D 11/30; F15B 15/28

IPC 8 full level
F15B 15/28 (2006.01); **G01D 11/30** (2006.01)

CPC (source: EP US)
F15B 15/2892 (2013.01 - EP US)

Cited by
EP2372168A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
US 2004031385 A1 20040219; US 6868771 B2 20050322; AT E274181 T1 20040915; DE 20204874 U1 20021212; DE 50300056 D1 20040923; EP 1348935 A1 20031001; EP 1348935 B1 20040818

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