

Title (en)

TELESCOPIC DEVICE PROVIDED WITH A POSITION DETECTING ELECTROMAGNETIC UNIT

Title (de)

MIT EINER ELEKTROMAGNETISCHEN POSITIONSERFASSUNGSEINHEIT VERSEHENE TELESKOPVORRICHTUNG

Title (fr)

DISPOSITIF TELESCOPIQUE AVEC DETECTION ELECTROMAGNETIQUE DE POSITION

Publication

EP 1721087 B1 20080116 (FR)

Application

EP 05732822 A 20050303

Priority

- FR 2005000500 W 20050303
- FR 0402175 A 20040303

Abstract (en)

[origin: FR2867237A1] The device has a cylinder receiving a rod (3) and a detection device detecting position of the rod with respect to the cylinder. The detection device has a bar (11) with hall effect detectors (12), fixed on the cylinder, extending parallel to the rod such that the bar has a region covering a rod's outer surface zone having an axial dimension greater than that of a reference pattern formed by a flange and a magnetic layer of the rod.

IPC 8 full level

F16F 9/32 (2006.01); **F15B 15/28** (2006.01)

CPC (source: EP)

F15B 15/2861 (2013.01)

Cited by

EP2226514A1; US8151636B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

FR 2867237 A1 20050909; FR 2867237 B1 20080418; AT E384211 T1 20080215; DE 602005004385 D1 20080306; DE 602005004385 T2 20090115; EP 1721087 A1 20061115; EP 1721087 B1 20080116; ES 2300008 T3 20080601; PL 1721087 T3 20080430; WO 2005088154 A1 20050922

DOCDB simple family (application)

FR 0402175 A 20040303; AT 05732822 T 20050303; DE 602005004385 T 20050303; EP 05732822 A 20050303; ES 05732822 T 20050303; FR 2005000500 W 20050303; PL 05732822 T 20050303