

Title (en)

Fluid pressure cylinder with a slidable sensor for detecting the piston position

Title (de)

Druckmittelzylinder mit einem verschiebbaren Sensor zur Detektion der Kolbenstellung

Title (fr)

Vérin avec un capteur coulissable pour détecter la position du piston

Publication

**EP 1255045 B1 20050824 (DE)**

Application

**EP 02009289 A 20020429**

Priority

- DE 10121190 A 20010430
- DE 10152178 A 20011023

Abstract (en)

[origin: EP1255045A2] The device has a cylinder tube (1) closed by a base (4) and top (3) with a piston subjected to pressurized medium on at least one side, a piston rod (2) and at least one sensor (8a,b) for detecting the piston rod position movable mounted on the cylinder tube. At least one axis-parallel closed channel (7) is provided for mounting the sensor in the wall region of the non-magnetic cylinder tube in a sealed manner.

IPC 1-7

**F15B 15/28**

IPC 8 full level

**F15B 15/28** (2006.01)

CPC (source: EP)

**F15B 15/2892** (2013.01)

Cited by

DE102015000546A1; DE102013011667A1; CN111237289A; DE102007029628B3; EP2009292A2

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

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