

Title (en)  
Position sensor for a fluid cylinder

Title (de)  
Positionssensor für Fluidzylinder

Title (fr)  
Capteur de position pour un vérin

Publication  
**EP 1640618 A1 20060329 (DE)**

Application  
**EP 05015826 A 20050721**

Priority  
DE 102004046107 A 20040923

Abstract (en)  
The system has magnetic or inductive sensor (2) arranged in guide groove (20) on exterior of working cylinder (16). A positioning device is operably coupled to the sensor, for adjusting the sensing positions of sensor.

IPC 8 full level  
**F15B 15/28** (2006.01)

CPC (source: EP US)  
**F15B 15/2807** (2013.01 - EP US); **F15B 15/2861** (2013.01 - EP US); **F15B 15/2892** (2013.01 - EP US)

Citation (applicant)  
• DE 19643413 A1 19980507 - SOYCK GMBH [DE]  
• DE 19653222 A1 19980702 - SOYCK GMBH [DE]  
• DE 10227425 A1 20040108 - TURCK WERNER KG [DE]

Citation (search report)  
• [XY] US 5201838 A 19930413 - ROUDAUT PHILIPPE [FR]  
• [YDA] DE 10227425 A1 20040108 - TURCK WERNER KG [DE]  
• [XY] DE 4137586 A1 19930519 - RUEGER FRANK [DE]  
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• [AD] DE 19643413 A1 19980507 - SOYCK GMBH [DE]  
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DE102010060550A1; DE102010034994A1; DE102010034994B4; EP2372168A1; EP2420804A2; DE202010018042U1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1640618 A1 20060329**; DE 102004046107 A1 20060406; US 2006059978 A1 20060323; US 7310996 B2 20071225

DOCDB simple family (application)  
**EP 05015826 A 20050721**; DE 102004046107 A 20040923; US 23079705 A 20050920