

Title (en)  
Actuator with position sensor

Title (de)  
Stellelement mit Lageerkennung

Title (fr)  
Actionneur avec capteur de position

Publication  
**EP 1445494 B1 20060621 (DE)**

Application  
**EP 04100364 A 20040202**

Priority  
DE 10304551 A 20030204

Abstract (en)  
[origin: EP1445494A2] The device has a housing, a drive in the housing and at least one arrangement for position detection. A piston rod mounted in the housing is correspondingly connected to the drive to exert a force effect. The arrangement for position detection contains at least one fixed Hall sensor and at least one movable magnet corresponding to the Hall sensor, whereby the magnet produces a magnetic field for generating a magnetic flux. An independent claim is also included for the following: (a) a kit system for producing final control elements for driving final control devices.

IPC 8 full level  
**F15B 15/28** (2006.01); **F15B 15/06** (2006.01); **F15B 15/10** (2006.01)

CPC (source: EP US)  
**F15B 15/10** (2013.01 - EP US); **F15B 15/2807** (2013.01 - EP US); **Y10T 137/8242** (2015.04 - EP US)

Cited by  
EP1852586A3; ITPD20100134A1; CN107560532A; EP1832757A3; CN102046941A; ITVR20090042A1; EP1852587A3; EP1852588A3; CN113685610A; US8997629B2; DE102020105488B4; US10359268B2; DE102020105496B4; WO2016075420A1; WO2011134855A1; WO2010113104A1; US11825786B2

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 RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1445494 A2 20040811; EP 1445494 A3 20040929; EP 1445494 B1 20060621**; AT E331144 T1 20060715; DE 10304551 A1 20040812; DE 502004000784 D1 20060803; ES 2266985 T3 20070301; US 2004189284 A1 20040930; US 7044444 B2 20060516

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