

Title (en)
Pressure control valve

Title (de)
Druckregelventil

Title (fr)
Soupape de réglage de pression

Publication
EP 2413333 B1 20180124 (DE)

Application
EP 11002924 A 20110407

Priority
DE 102010026501 A 20100707

Abstract (en)
[origin: EP2413333A2] The valve (1) has a valve housing (2) comprising an axial valve stem hole (7) for receiving a valve lifter (6), where the valve stem hole comprises a circumferential recess (27) to receive a solenoid coil (3). An anchor plate (17) is connected with the valve lifter. A seat valve (4) stands with the valve lifter in active connection. A magnetic circuit (25) is formed from the solenoid coil, to receive a portion of the valve housing and the anchor plate, and exhibits magnetic constriction.

IPC 8 full level
H01F 7/13 (2006.01); **F02M 59/00** (2006.01); **F02M 63/00** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP)
F02M 63/0052 (2013.01); **F02M 63/025** (2013.01); **H01F 7/13** (2013.01); **H01F 7/1638** (2013.01); **H01F 2007/085** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2413333 A2 20120201; **EP 2413333 A3 20150128**; **EP 2413333 B1 20180124**; DE 102010026501 A1 20120112; ES 2666224 T3 20180503; HU E036572 T2 20180730

DOCDB simple family (application)
EP 11002924 A 20110407; DE 102010026501 A 20100707; ES 11002924 T 20110407; HU E11002924 A 20110407