

Title (en)
Electromagnetical actuator

Title (de)
Elektromagnetischer Stellantrieb

Title (fr)
Actionneur électromagnétique

Publication
EP 1288481 B1 20060830 (DE)

Application
EP 02015412 A 20020711

Priority
DE 10143307 A 20010904

Abstract (en)
[origin: EP1288481A2] The drive has a housing with an electrical connection plug, a magnetic yoke, a coil body, a guide element, a magnetic core and an armature organ that interacts with a valve actuator element. The armature organ (8) has first and second elements (9,10), whereby the second element is disc-shaped and is mounted at a distance from the first element with an air gap when the actuator drive is not carrying a current. AN Independent claim is also included for a valve with an electromagnetic actuator drive.

IPC 8 full level
F02M 25/07 (2006.01); **F02M 26/53** (2016.01); **F16K 29/00** (2006.01)

CPC (source: EP US)
F02M 26/53 (2016.02 - EP US); **F02M 26/66** (2016.02 - EP US)

Cited by
CN101960540A; US8434734B2; WO2009106080A1; DE102020134522A1; WO2022135766A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1288481 A2 20030305; EP 1288481 A3 20040901; EP 1288481 B1 20060830; DE 10143307 A1 20030320; DE 50207981 D1 20061012; ES 2271153 T3 20070416; US 2003042454 A1 20030306; US 6719265 B2 20040413

DOCDB simple family (application)
EP 02015412 A 20020711; DE 10143307 A 20010904; DE 50207981 T 20020711; ES 02015412 T 20020711; US 23442702 A 20020904