

Title (en)
Electromagnetical actuator

Title (de)
Elektromagnetischer Stellantrieb

Title (fr)
Actionneur électromagnétique

Publication
EP 1288481 A3 20040901 (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 1-7
F02M 25/07; **F16K 29/00**

IPC 8 full level
F02M 26/53 (2016.01)

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

Citation (search report)

- [X] DE 1806094 B1 19700102 - AUTOMATIC SWITCH CO [US]
- [PA] LU 90647 A
- [A] DE 19831140 A1 20000113 - PIERBURG AG [DE]
- [A] EP 0952331 A2 19991027 - PIERBURG AG [DE]
- [A] US 2324642 A 19430720 - PETERSON CLARENCE L

Cited by
CN101960540A; US8434734B2; WO2009106080A1; DE102020134522A1; WO2022135766A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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