

Title (en)

Direct current electric actuator, for domestic appliances in particular

Title (de)

Elektrischer Gleichstromaktuator für Hausgeräte im besonderen

Title (fr)

Actionneur électrique à courant continu, en particulier pour des appareils domestiques

Publication

EP 1722380 B1 20120502 (EN)

Application

EP 06113745 A 20060510

Priority

IT TO20050059 U 20050511

Abstract (en)

[origin: EP1722380A2] The electrically controlled actuator (10), in domestic appliances in particular, comprises - a shell (12) realized in a single piece in ferromagnetic material, substantially shaped in C form and including a first and second lateral branch (14, 16) reciprocally opposed and interconnected by an intermediate portion (18); - a coil (22) of conductor wire fixed to the shell (12) in such a way that its axis (A-A) extends in a direction substantially at right angles to the lateral branches (14, 16) of the shell (12); and - a ferromagnetic nucleus (28) mounted movably with respect to the shell (12) in a manner axially translatable inside the coil (22) and suitable for passing from an axial rest position to an axial working position as an effect of excitation of the coil (22).

IPC 8 full level

H01F 7/16 (2006.01); **H01F 7/08** (2006.01)

CPC (source: EP)

H01F 7/081 (2013.01); **H01F 7/1607** (2013.01); **H01F 2007/083** (2013.01)

Cited by

CN107851500A; US10475563B2

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 1722380 A2 20061115; **EP 1722380 A3 20090318**; **EP 1722380 B1 20120502**; AT E556417 T1 20120515; ES 2387034 T3 20120912; IT TO20050059 U1 20061112; PL 1722380 T3 20120928

DOCDB simple family (application)

EP 06113745 A 20060510; AT 06113745 T 20060510; ES 06113745 T 20060510; IT TO20050059 U 20050511; PL 06113745 T 20060510