

Title (en)
ACTUATOR

Title (de)
BETÄTIGUNGSGLIED

Title (fr)
ACTIONNEUR

Publication
EP 2198436 B1 20121121 (EN)

Application
EP 08766747 A 20080528

Priority
• NL 2008050324 W 20080528
• NL 2000666 A 20070529

Abstract (en)
[origin: WO2008147189A1] An actuator (1) has an annular magnet (3) displaceable in axial direction, with attached thereto on either one of the two sides annular, displaceable flux conductors (5). The actuator (1) further has two annular coils (7) surrounding the magnet at a distance with a gap (9) therebetween, and an annular, static flux conductor (11) surrounding the coils, which is in contact with the outside of the coils. The gap (9) accommodates an additional annular, static, ferritic flux conductor (13) whose outside surface is attached to the inside surface of the static flux conductor (11). The static flux conductor (11) is laminated with the layers resting on each other in radial direction.

IPC 8 full level
H01F 7/16 (2006.01); **H01F 7/08** (2006.01); **H01F 7/122** (2006.01)

CPC (source: EP)
H01F 7/122 (2013.01); **H01F 7/1615** (2013.01); **H01F 7/081** (2013.01); **H01F 2007/1692** (2013.01)

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

DOCDB simple family (publication)
WO 2008147189 A1 20081204; EP 2198436 A1 20100623; EP 2198436 B1 20121121; NL 2000666 C1 20081202

DOCDB simple family (application)
NL 2008050324 W 20080528; EP 08766747 A 20080528; NL 2000666 A 20070529