

Title (en)

Quick-switching lifting magnet

Title (de)

Schnellschaltender Hubmagnet

Title (fr)

Aimant de levage à commutation rapide

Publication

**EP 2506272 B1 20131002 (DE)**

Application

**EP 12160349 A 20120320**

Priority

DE 102011015576 A 20110330

Abstract (en)

[origin: EP2506272A1] The solenoid (10) has a housing (11) comprising an upper housing cover (12) and a lower housing cover (14) and a housing wall (16). A pole core (20) is extended along a center axis of housing. A front surface (21) of pole core is made to face a movable armature (30). A short circuit ring (60) is loosely anchor with a plunger (40) that is connected with movable armature.

IPC 8 full level

**H01F 7/16** (2006.01)

CPC (source: EP)

**H01F 7/1607** (2013.01); **H01F 7/13** (2013.01); **H01F 2007/086** (2013.01)

Cited by

EP2779191A1; US10224742B2

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 2506272 A1 20121003; EP 2506272 B1 20131002**; DE 102011015576 A1 20121004; DE 102011015576 B4 20140306

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**EP 12160349 A 20120320**; DE 102011015576 A 20110330