

Title (en)
Electromagnetic switch for an electrical machine

Title (de)
Elektromagnetischer Schalter für E-Maschine

Title (fr)
Commutateur électromagnétique pour machine électrique

Publication
EP 2058830 B1 20161221 (DE)

Application
EP 08105676 A 20081028

Priority
DE 102007053417 A 20071109

Abstract (en)
[origin: EP2058830A2] The electromagnetic switch, particularly a starter relay has housing (2) and an electromagnetically controlled armature (3) of a control lever. A flexible protective cap (5) seals a transition of housing to the armature, where the protective cap is formed in a pot shape with a pot hole (7) and a pot base (6). The protective cap has devices for a connection with the housing on its inner wall. The devices are connected with the housing in a form-fit manner. An independent claim is included for a mounting method of a protective cap for an electromagnetic switch.

IPC 8 full level
H01H 51/06 (2006.01)

CPC (source: EP US)
H01H 50/023 (2013.01 - EP US); **H01H 51/065** (2013.01 - EP US); **H01H 2009/048** (2013.01 - EP US)

Cited by
FR3054368A1; EP2375055A3; WO2018015653A1

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)
EP 2058830 A2 20090513; EP 2058830 A3 20110518; EP 2058830 B1 20161221; DE 102007053417 A1 20090514; JP 2009123698 A 20090604; JP 5404005 B2 20140129; US 2009128266 A1 20090521; US 7973624 B2 20110705

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EP 08105676 A 20081028; DE 102007053417 A 20071109; JP 2008288163 A 20081110; US 26714408 A 20081107