

Title (en)  
ENGAGING RELAY FOR STARTER

Title (de)  
EINRÜCKRELAIS FÜR STARTER

Title (fr)  
CONTACTEUR ÉLECTROMAGNÉTIQUE POUR DÉMARREUR

Publication  
**EP 2140131 B1 20140409 (DE)**

Application  
**EP 08708590 A 20080201**

Priority  
• EP 2008051284 W 20080201  
• DE 102007014764 A 20070328

Abstract (en)  
[origin: DE102007014764A1] The solenoid switch (1) has a relay housing (2), which has a relay cover (8) of plastic at the front side, in which the relay connections are intended. The relay connections are formed by the cover wall in passage openings to push relay pins (12,13). The relay pins are fixed for cover wall by axial clamping against the wall sides lying outside opposite to each other in area of the edge area surrounded for passage openings. The relay cover consists of a elastically deformed plastic with compression set and is axially formed in the area of a edge area of the passage openings.

IPC 8 full level  
**F02N 11/08** (2006.01); **F02N 15/00** (2006.01); **H01H 51/06** (2006.01)

CPC (source: EP US)  
**F02N 11/087** (2013.01 - EP US); **F02N 15/00** (2013.01 - EP US); **H01H 51/065** (2013.01 - EP US)

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)  
**DE 102007014764 A1 20080612**; BR PI0809455 A2 20140909; BR PI0809455 B1 20180717; CN 101641516 A 20100203; CN 101641516 B 20120613; EP 2140131 A1 20100106; EP 2140131 B1 20140409; ES 2458624 T3 20140506; PL 2140131 T3 20140930; US 2010127806 A1 20100527; US 8125303 B2 20120228; WO 2008116684 A1 20081002

DOCDB simple family (application)  
**DE 102007014764 A 20070328**; BR PI0809455 A 20080201; CN 200880009741 A 20080201; EP 08708590 A 20080201; EP 2008051284 W 20080201; ES 08708590 T 20080201; PL 08708590 T 20080201; US 59354808 A 20080201