

Title (en)

RELAY, IN PARTICULAR FOR A STARTING DEVICE

Title (de)

RELAIS, INSBESONDERE FÜR EINE STARTVORRICHTUNG

Title (fr)

RELAIS DESTINE NOTAMMENT A UN DISPOSITIF DE DEMARRAGE

Publication

EP 1145267 B1 20090819 (DE)

Application

EP 00981149 A 20001020

Priority

- DE 0003704 W 20001020
- DE 19951116 A 19991023

Abstract (en)

[origin: DE19951116A1] The relay has a coil (13) which causes an armature (22) to move, to operate a contact element (37) on which a control rod (31) is arranged. A coupling member (46) connects the control rod to the armature allowing limited displacement. The armature may be moved to a position in which the relay is switched on when the coil is supplied with current, such that the contact element makes contact with a corresponding relay contacts.

IPC 8 full level

F02N 11/00 (2006.01); **H01H 51/06** (2006.01); **H01H 50/20** (2006.01); **H01H 50/54** (2006.01); **H01H 50/64** (2006.01)

CPC (source: EP KR US)

H01H 50/18 (2013.01 - KR); **H01H 51/065** (2013.01 - EP US)

Citation (examination)

DE 4117242 C1 19920716

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 19951116 A1 20010426; BR 0007248 A 20011030; BR PI0007248 B1 20151215; DE 50015721 D1 20091001; EP 1145267 A1 20011017; EP 1145267 B1 20090819; ES 2329544 T3 20091127; JP 2003513412 A 20030408; JP 4465139 B2 20100519; KR 100747422 B1 20070809; KR 20010089666 A 20011008; MX PA01006433 A 20020621; US 6693503 B1 20040217; WO 0131668 A1 20010503

DOCDB simple family (application)

DE 19951116 A 19991023; BR 0007248 A 20001020; DE 0003704 W 20001020; DE 50015721 T 20001020; EP 00981149 A 20001020; EP 00981149 T 20001020; JP 2001534170 A 20001020; KR 20017007859 A 20010621; MX PA01006433 A 20001020; US 86858302 A 20020108