

Title (en)
Relay

Title (de)
Relais

Title (fr)
Relais

Publication
EP 1968083 B1 20101103 (DE)

Application
EP 07023642 A 20071206

Priority
DE 102007011328 A 20070308

Abstract (en)
[origin: EP1968083A1] The relay (1) has a contact spring (4) connecting or disconnecting the electric circuit between two relay contacts (2,3). An end of the contact spring is connected with the former relay contact in a conductive manner. A magnetic drive (7) is provided for moving the contact spring into a relay position. The magnetic drive has a reversible magnetic coil (9) and a permanent magnet featuring rotor (11). One of the contact springs is engaged from below and engaged from above in the moving direction (13) of the rotor.

IPC 8 full level
H01H 1/26 (2006.01); **H01H 50/64** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP)
H01H 1/26 (2013.01); **H01H 50/643** (2013.01); **H01H 51/2227** (2013.01); **H01H 50/646** (2013.01); **H01H 2001/265** (2013.01)

Cited by
EP2551868A1; CN103247480A; EP2654063A1; CN103377855A; US8222981B1; US8203403B2; US9159515B2; US8564386B2; WO2013004251A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1968083 A1 20080910; EP 1968083 B1 20101103; AT E487224 T1 20101115; DE 102007011328 A1 20080911; DE 502007005547 D1 20101216; ES 2355592 T3 20110329; SI 1968083 T1 20110131

DOCDB simple family (application)
EP 07023642 A 20071206; AT 07023642 T 20071206; DE 102007011328 A 20070308; DE 502007005547 T 20071206; ES 07023642 T 20071206; SI 200730424 T 20071206