

Title (en)
Electromagnetic relay

Title (de)
Elektromagnetisches Relais

Title (fr)
Relais électromagnétique

Publication
EP 1962316 A1 20080827 (EN)

Application
EP 07250727 A 20070221

Priority
EP 07250727 A 20070221

Abstract (en)
An electromagnetic relay includes an electromagnetic unit (41) operable so as to generate a magnetic field perpendicular to a bottom wall (31) of a housing (1) when excited such that an actuating plate (42) pivots from a releasing position to a pushing position, where a magnetically-attractable end portion (421) of the actuating plate (42) is attracted by the electromagnetic unit (41) and where an actuating end portion (422) of the actuating plate (42) moves toward a first conductive plate (51), thereby driving a pushing block (43) to move a resilient end portion (511) of the first conductive plate (51) toward a second conductive plate (52). Hence, first and second contacts (511, 512) on the first conductive plate (51) contact electrically and respectively third and fourth contacts (521, 522) on the second conductive plate (52).

IPC 8 full level
H01H 50/54 (2006.01); **H01H 50/64** (2006.01); **H01H 1/20** (2006.01); **H01H 9/42** (2006.01)

CPC (source: EP)
H01H 50/54 (2013.01); **H01H 50/641** (2013.01); **H01H 1/2016** (2013.01); **H01H 9/42** (2013.01); **H01H 50/543** (2013.01)

Citation (search report)

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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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

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