Title (en)

Relay with contact force intensification

Title (de)

Relais mit Kontaktkraftverstärkung

Title (fr)

Relais doté d'un renforcement de la force de contact

Publication

EP 1858038 A3 20090610 (DE)

Application

EP 07008491 A 20070426

Priority

DE 102006022912 A 20060515

Abstract (en)

[origin: EP1858038A2] The relay (2) has a dual line (4) guided through a relay housing, and a line (6) of a double line comprising a movable contact spring (10). The contact spring closes an electric circuit of the line (6) in a relay position and is disconnected in another relay position. Another line (7) is formed in an end-to-end manner and runs parallel to the contact spring and before a spring surface (16). The two lines (6, 7) are formed as flat lines, where the lines are turned towards its edges outside an area of the contact spring.

IPC 8 full level

H01H 1/50 (2006.01); **H01H 50/64** (2006.01); H01H 50/56 (2006.01); H01H 51/22 (2006.01)

CPC (source: EP)

H01H 1/54 (2013.01); **H01H 50/64** (2013.01); H01H 50/56 (2013.01); H01H 50/642 (2013.01); H01H 51/2227 (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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1858038 A2 20071121; **EP 1858038 A3 20090610**; **EP 1858038 B1 20120829**; DE 102006022912 A1 20071122; PL 1858038 T3 20130131

DOCDB simple family (application)

EP 07008491 A 20070426; DE 102006022912 A 20060515; PL 07008491 T 20070426