

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 B1 20120829 (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 50/64 (2006.01); **H01H 1/54** (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)

Cited by
EP2385536A1; JP2019091725A; US8330564B2

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