

Title (en)  
Contact arrangement for a relay

Title (de)  
Kontaktanordnung für ein Relais

Title (fr)  
Disposition de contacts pour un relais

Publication  
**EP 1722382 A3 20100428 (DE)**

Application  
**EP 06405180 A 20060425**

Priority  
• CH 4552006 A 20060324  
• CH 8212005 A 20050510

Abstract (en)  
[origin: EP1722382A2] The contact arrangement has a crown (17), which is formed by a majority of tines (21) separated by underfractures. The contact spring can be twisted whereby at least two tines of the first contact head (11) rest upon the contact surface (15) of the second contact head in the closed position. Independent claims are also included for the following: (A) Relay; and (B) Method for the production of the crown contact head.

IPC 8 full level  
**H01H 1/06** (2006.01)

CPC (source: EP US)  
**H01H 1/06** (2013.01 - EP US); **H01H 1/18** (2013.01 - EP US); **H01H 1/26** (2013.01 - EP US); **H01H 1/32** (2013.01 - EP US)

Citation (search report)  
• [XDY] DE 9006430 U1 19900809  
• [Y] US 6191375 B1 20010220 - CARDONA DARIO A [US], et al  
• [A] US 2490020 A 19491206 - ROBERT ENZLER PAUL  
• [A] US 3189721 A 19650615 - LEE PAUL R  
• [XDA] DD 150669 A1 19810909 - AUTOBRZDY JABLONEC NP  
• [XD] JP S56107418 A 19810826 - TANAKA PRECIOUS METAL IND  
• [AD] DE 3128929 A1 19830511 - KUHNKE GMBH KG H [DE]

Cited by  
EP2728597A1; DE102012110569A1; DE102012110569B4; DE102011119306A1; WO2013075765A1

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 YU

DOCDB simple family (publication)  
**EP 1722382 A2 20061115; EP 1722382 A3 20100428; EP 1722382 B1 20150819**; ES 2546806 T3 20150928; JP 2006318911 A 20061124; JP 4908048 B2 20120404; PL 1722382 T3 20151231; US 2006255688 A1 20061116; US 7414214 B2 20080819

DOCDB simple family (application)  
**EP 06405180 A 20060425**; ES 06405180 T 20060425; JP 2006131244 A 20060510; PL 06405180 T 20060425; US 42906706 A 20060508