

Title (en)

CONTACT ARRANGEMENT FOR A RELAY WITH A HIGH INTERRUPTING CAPACITY

Publication

EP 0167668 B1 19880907 (DE)

Application

EP 84115046 A 19841210

Priority

- DE 3417165 A 19840509
- DE 8433394 U 19841114

Abstract (en)

[origin: US4647743A] In a contact arrangement for high breaking capacity relays having a center contact spring movable between two cooperating fixed contact elements characterized by the contact spring having a contact member secured on each of the two opposite surfaces facing the fixed contact elements with one of the two contact members being of a larger size than the other contact member and the width of the contact spring to form a projection to which a flexible copper lead can be directly secured. As a result thereof, the switched current in a changeover contact can be conducted with low-loss across the center contact spring without an expensive center contact spring of a material which has a good conductivity being required.

IPC 1-7

H01H 1/58; **H01H 11/04**

IPC 8 full level

H01H 1/58 (2006.01); **H01H 11/04** (2006.01)

CPC (source: EP US)

H01H 1/5822 (2013.01 - EP US); **H01H 11/043** (2013.01 - EP US); **H01H 2011/047** (2013.01 - EP US)

Cited by

US5369235A; US5324901A; DE4103584A1; EP0297985A1; FR2617632A1; DE102008039704A1; DE4204641A1; WO9106965A1; WO9106964A1; WO2015107220A1

Designated contracting state (EPC)

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