

Title (en)
MAGNETICALLY OPERATED ELECTRICAL CONTACT ARRANGEMENT

Publication
EP 0068280 A3 19850502 (DE)

Application
EP 82105222 A 19820615

Priority
DE 3125346 A 19810627

Abstract (en)
[origin: EP0068280A2] 1. An electric contact arrangement, to be operated magnetically, with two magnetically, electrically conductive contact springs forming a substantially closed magnetic circuit, each of which contact springs is fixed by one leg (4, 5) to an opposite side of an insulating spacer (6), and each connected to an electric terminal conductor (13, 14), and is opened or closed with elastic deformation depending on a magnetic field passing through them, characterised in that the contact springs consist of two U-shaped bent strips (1, 2) with their free ends inserted one in the other, and in that two legs (7, 8) belonging to different ones of the U-shaped bent contact springs, at least one of which is not fixed to the insulating spacer (6), lie alongside each other at a distance such that they touch or move apart with elastic deformation of at least one strip (1, 2), depending on the magnetisation of the magnetic circuit formed by the contact springs.

IPC 1-7
H01H 50/60; **H01H 36/00**; **H01H 51/28**

IPC 8 full level
H01H 51/06 (2006.01); **H01H 36/00** (2006.01); **H01H 50/60** (2006.01); **H01H 51/22** (2006.01); **H01H 51/28** (2006.01)

CPC (source: EP)
H01H 36/0006 (2013.01); **H01H 50/60** (2013.01); **H01H 51/284** (2013.01)

Citation (search report)
• [A] US 3278871 A 19661011 - DEVERALL GEORGE V
• [A] FR 2224859 A1 19741031 - INT STANDARD ELECTRIC CORP [US]
• [A] FR 2285705 A2 19760416 - MATERIEL TELEPHONIQUE [FR]
• [A] FR 2143026 A1 19730202 - SOLARTRON ELECTRONIC GROUP

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL

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