

Title (en)

CONTACT ARRANGEMENT FOR A RELAY

Publication

**EP 0326116 B1 19930414 (DE)**

Application

**EP 89101289 A 19890125**

Priority

DE 3802686 A 19880129

Abstract (en)

[origin: EP0326116A1] The contact arrangement has a contact spring (5) which is prestressed against a supporting edge (4a) of an operating device (4) by a prestressing kink (10). The prestressing kink (10) runs obliquely at an angle of 0 to 30 DEG with respect to the supporting edge (4a), producing rolling-off at the contact point. The contact arrangement is particularly advantageous for the switching of high load currents since, as a result of the rolling-off at the contact point, the welding tendency is reduced and easier separation of the contact on opening is achieved with little welding. <IMAGE>

IPC 1-7

**H01H 50/60**

IPC 8 full level

**H01H 50/56** (2006.01); **H01H 50/58** (2006.01); **H01H 50/60** (2006.01); **H01H 1/18** (2006.01); **H01H 3/00** (2006.01); **H01H 50/28** (2006.01)

CPC (source: EP US)

**H01H 50/60** (2013.01 - EP US); **H01H 1/18** (2013.01 - EP US); **H01H 1/2083** (2013.01 - EP US); **H01H 3/001** (2013.01 - EP US); **H01H 50/28** (2013.01 - EP US); **H01H 2047/003** (2013.01 - EP US)

Cited by

EP0476182A3; EP1713104A3; CN111710564A; BE1030869B1; EP0570852A1; US5329265A; US7423504B2; WO2024056418A1

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