

Title (en)

Electromagnetic relay with contact spring mounted on armature.

Title (de)

Elektromagnetisches Relais mit auf dem Anker befestigter Kontaktfeder.

Title (fr)

Relais électromagnétique avec lame de contact mis sur l'armature.

Publication

**EP 0484592 B1 19941130 (DE)**

Application

**EP 90124627 A 19901218**

Priority

DE 9015406 U 19901109

Abstract (en)

[origin: EP0484592A2] The relay has a contact spring which is connected to the armature, is broadened in the T-shape in the region opposite to the armature end after a constriction and hence forms a double contact or a bridge contact. A supporting lug is in each case integrally formed on the two lateral limbs of the contact spring, which supporting lug engages with the armature end in the event of an armature movement directed to contact opening. In this way, the soft spring characteristic is maintained during closing of the contacts, while, during opening, the armature impact is exerted in the immediate vicinity of the contact pieces in order, if necessary, to separate welded adhesions and mechanical sticking. <IMAGE>

IPC 1-7

**H01H 50/54**; **H01H 3/00**

IPC 8 full level

**H01H 1/26** (2006.01); **H01H 3/00** (2006.01); **H01H 50/54** (2006.01); **H01H 50/60** (2006.01)

CPC (source: EP US)

**H01H 1/2075** (2013.01 - EP US); **H01H 3/001** (2013.01 - EP US); **H01H 50/546** (2013.01 - EP US); **H01H 50/60** (2013.01 - EP US)

Cited by

EP1073082A3; EP0570852A1; US5329265A; US5773375A; US5961904A; WO0106527A1

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DE ES FR GB IT

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