

Title (en)  
CONTACTOR

Publication  
**EP 0317660 B1 19921104 (DE)**

Application  
**EP 87117364 A 19871125**

Priority  
EP 87117364 A 19871125

Abstract (en)  
[origin: EP0317660A1] In a contactor (1) having a housing, in which a magnet system (6, 7, 13) is accommodated towards the mounting side and a contact system (19, 20, 21, 24, 25, 28, 81), which can be operated by the magnet system, is accommodated at a distance from the mounting side, thermal trip devices (73) and magnetic trip devices (49) being provided for each phase, which trip devices act on the contact system by means of an operating device (53, 54, 70, 48), in order to improve the switching reliability it is proposed that additional contacts (34, 76) for each phase and for the coil connection of the magnet system be provided in addition to the contact system and that the thermal trip devices, the magnetic trip devices and the operating devices be arranged and designed such that the additional contacts are forced to open in the event of tripping and switching-on again is possible only when the main contacts of the contact system are open. <IMAGE>

IPC 1-7  
**H01H 71/68**

IPC 8 full level  
**H01H 89/06** (2006.01); **H01H 50/44** (2006.01); **H01H 71/02** (2006.01); **H01H 71/16** (2006.01); **H01H 71/40** (2006.01); **H01H 71/46** (2006.01)

CPC (source: EP US)  
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