

Title (en)  
Electromagnetic switching device, in particular contactor

Title (de)  
Elektromagnetisches Schaltgerät, insbesondere Schütz

Title (fr)  
Dispositif de commutation électromagnétique, en particulier contacteur

Publication  
**EP 0727802 A3 19971210 (DE)**

Application  
**EP 95119906 A 19951216**

Priority  
• CH 45395 A 19950216  
• US 59214496 A 19960126

Abstract (en)  
[origin: EP0727802A2] The device has an electromagnet fastened in a housing (1). It also has a spool body (7) fastened in the housing (1). The spool body (7) carries at least one magnet coil (17) and has a spool connection piece extending in only one direction. The spool body (17) is arranged to be inserted in two positions in the housing (1) 180 degrees offset from the winding axis of the magnet coil (17). Preferably both the housing (1) and the spool body (7) are provided with inter-engaging locating parts (12). The latter are effective at points interacting with the 180 degrees offset points of the spool body (7).

IPC 1-7  
**H01H 50/44**; **H01H 11/00**

IPC 8 full level  
**H01H 50/44** (2006.01); **H01H 9/02** (2006.01); **H01H 11/00** (2006.01); **H01H 50/30** (2006.01); **H01H 50/46** (2006.01)

CPC (source: EP US)  
**H01H 50/443** (2013.01 - EP US); **H01H 9/0264** (2013.01 - EP US); **H01H 11/0031** (2013.01 - EP US); **H01H 50/305** (2013.01 - EP US); **H01H 50/46** (2013.01 - EP US)

Citation (search report)  
• [A] DE 4322648 C1 19940818 - SIEMENS AG [DE]  
• [AD] DE 4406682 A1 19940915 - MITSUBISHI ELECTRIC CORP [JP], et al  
• [E] FR 2725832 A1 19960419 - SCHNEIDER ELECTRIC SA [FR]  
• [E] EP 0708469 A1 19960424 - SCHNEIDER ELECTRIC SA [FR]

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0727802 A2 19960821**; **EP 0727802 A3 19971210**; JP H08255545 A 19961001; US 5684442 A 19971104

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**EP 95119906 A 19951216**; JP 2548496 A 19960213; US 59214496 A 19960126