

Title (en)  
POLARIZED POWER RELAY.

Title (de)  
POLARISIERTES LEISTUNGSRELAIS.

Title (fr)  
RELAIS DE PUISSANCE POLARISE.

Publication  
**EP 0640243 A1 19950301 (DE)**

Application  
**EP 93908825 A 19930503**

Priority  
• DE 4216076 A 19920515  
• DE 9300383 W 19930503

Abstract (en)  
[origin: WO9323866A1] A relay has a polarized magnetic system (2) with a three-pole permanent magnet (17) arranged above a coil (14) and rocking armature (18) which actuates a contact spring (30) arranged beneath the coil by means of a frontally arranged slide (23). The contact spring (30) is inserted from one side into the base body, by means of an elongated spring carrier (29), whereas a counter contact element (33) is inserted therein from the opposite side. This relay allows with a compact design long insulating sections between the magnetic system and the set of contacts, as well as a short circuit-resistant design of the set of contacts.

IPC 1-7  
**H01H 50/02**; **H01H 51/22**; **H01H 50/64**

IPC 8 full level  
**H01H 50/02** (2006.01); **H01H 50/04** (2006.01); **H01H 50/14** (2006.01); **H01H 50/18** (2006.01); **H01H 50/64** (2006.01); **H01H 51/22** (2006.01); **H01H 51/24** (2006.01)

CPC (source: EP US)  
**H01H 50/026** (2013.01 - EP US); **H01H 50/641** (2013.01 - EP US); **H01H 51/2272** (2013.01 - EP US)

Citation (search report)  
See references of WO 9323866A1

Cited by  
DE19705508C1

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

DOCDB simple family (publication)  
**WO 9323866 A1 19931125**; AT E142046 T1 19960915; CZ 271694 A3 19950215; CZ 281297 B6 19960814; DE 59303588 D1 19961002; EP 0640243 A1 19950301; EP 0640243 B1 19960828; JP H07506696 A 19950720; US 5515019 A 19960507

DOCDB simple family (application)  
**DE 9300383 W 19930503**; AT 93908825 T 19930503; CZ 271694 A 19930503; DE 59303588 T 19930503; EP 93908825 A 19930503; JP 51975693 A 19930503; US 33584594 A 19941108