

Title (en)  
Electromagnetic power relais.

Title (de)  
Elektromagnetisches Leistungsrelais.

Title (fr)  
Contacteur électromagnétique.

Publication  
**EP 0476183 B1 19940928 (DE)**

Application  
**EP 90124828 A 19901219**

Priority  
DE 9013223 U 19900918

Abstract (en)  
[origin: EP0476183A2] In the relay, a spring support (12) and a mating contact element (11) are inserted into slots in a base body (1) from two opposite sides and are guided by connecting rails (11a, 12a) parallel along the outer walls to an end side. At the end side, the connecting elements are bent away inside pockets (22) of the housing cap (18) and emerge in the form of end sections having solder and plug connections (20, 21) at a predetermined insulating separation out of the outer walls of the relay. Inside the pockets (22), the connecting elements are additionally anchored by means of integrally formed attachment tabs (11d, 12d), these attachment tabs also lying in the inwardly offset plane of the connecting elements. In consequence, the solder and plug connections are arranged at a sufficient insulating separation from the side contour of the relay, so that high-density packing of the relays on a printed-circuit board is possible. <IMAGE>

IPC 1-7  
**H01H 50/14**; **H01H 1/58**

IPC 8 full level  
**H01H 1/58** (2006.01); **H01H 50/14** (2006.01)

CPC (source: EP US)  
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Cited by  
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Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 0476183 A2 19920325**; **EP 0476183 A3 19920902**; **EP 0476183 B1 19940928**; AT E112413 T1 19941015; CA 2051467 A1 19920319; DE 59007352 D1 19941103; DE 9013223 U1 19920206; JP H04245124 A 19920901; PT 98987 A 19931029; PT 98987 B 19990129; US 5144271 A 19920901

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**EP 90124828 A 19901219**; AT 90124828 T 19901219; CA 2051467 A 19910916; DE 59007352 T 19901219; DE 9013223 U 19900918; JP 23276091 A 19910912; PT 9898791 A 19910917; US 72564391 A 19910703