

Title (en)  
ELECTROMAGNETIC RELAY.

Title (de)  
ELEKTROMAGNETISCHES RELAIS.

Title (fr)  
RELAIS ELECTROMAGNETIQUE.

Publication  
**EP 0513010 B1 19940316 (DE)**

Application  
**EP 91900774 A 19901203**

Priority  
EP 90101826 A 19900130

Abstract (en)  
[origin: WO9111818A1] An electromagnetic relay has a coil body (1), which supports a magnet system, and a base. The coil connection elements (3, 4) which connect the coil body to the base are fastened to the coil flange (11, 12) by horizontal fastening branches (33, 34, 35, 43, 44) in matching insert channels (13, 14, 15, 16, 17) in the coil flange (11, 12). Wind-on pieces (36, 46) which carry the ends of the coil winding directly are formed on the coil connection elements (3, 4). The relay can therefore be manufactured simply and automatically from a small number of components.

IPC 1-7  
**H01H 50/04**; **H01H 50/14**; **H01H 49/00**

IPC 8 full level  
**H01H 49/00** (2006.01); **H01H 50/04** (2006.01); **H01H 50/14** (2006.01); **H01H 50/44** (2006.01); **H01H 50/02** (2006.01)

CPC (source: EP US)  
**H01H 50/042** (2013.01 - EP US); **H01H 50/443** (2013.01 - EP US); **H01H 50/021** (2013.01 - EP US); **H01H 50/44** (2013.01 - EP US);  
**H01H 2050/446** (2013.01 - EP US)

Cited by  
CN105097361A

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

DOCDB simple family (publication)  
**WO 9111818 A1 19910808**; AT E103104 T1 19940415; CA 2074807 A1 19910731; DE 59005036 D1 19940421; EP 0513010 A1 19921119; EP 0513010 B1 19940316; ES 2050529 T3 19940516; JP 3112935 B2 20001127; JP H05504437 A 19930708; PT 96591 A 19920930; PT 96591 B 19980831; US 5235301 A 19930810

DOCDB simple family (application)  
**EP 9002077 W 19901203**; AT 91900774 T 19901203; CA 2074807 A 19901203; DE 59005036 T 19901203; EP 91900774 A 19901203; ES 91900774 T 19901203; JP 50121691 A 19901203; PT 9659191 A 19910129; US 83880192 A 19920318