

Title (en)
ELECTROMAGNETIC RELAY

Title (de)
ELEKTROMAGNETISCHES RELAIS

Title (fr)
RELAIS ELECTROMAGNETIQUE

Publication
EP 0894327 B1 19990915 (DE)

Application
EP 97920583 A 19970403

Priority
• DE 9700686 W 19970403
• DE 19615185 A 19960417

Abstract (en)
[origin: DE19615185C1] The relay has a base (2) with a contact arrangement and a rocking armature (25) mounted on the base. A magnetic system with a coil (3, 4), a core (5) and two yokes (6, 7) is mounted over the base and co-operates with the rocking armature. At least the coil (3, 4) with the core (5) is embedded in the insulating material of a base body (1) with side walls (11) which extend downwards and enclose like a box the base (2), forming a closed contact chamber (10). The base body (1) which encloses the coil ensures a high insulating strength of the relay between coil and contact system, as well as a very stable construction.

IPC 1-7
H01H 50/02

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

CPC (source: EP US)
H01H 50/02 (2013.01 - EP US); **H01H 51/2281** (2013.01 - EP US); **H01H 50/023** (2013.01 - EP US); **H01H 50/026** (2013.01 - EP US); **H01H 50/14** (2013.01 - EP US)

Cited by
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CH DE FR GB LI

DOCDB simple family (publication)
DE 19615185 C1 19970619; CN 1129931 C 20031203; CN 1222247 A 19990707; DE 59700449 D1 19991021; EP 0894327 A1 19990203; EP 0894327 B1 19990915; JP 3308544 B2 20020729; JP H11507470 A 19990629; US 6002312 A 19991214; WO 9739467 A1 19971023

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