

Title (en)
ELECTROMAGNETIC RELAY AND PROCESS FOR PRODUCING THE SAME

Title (de)
ELEKTROMAGNETISCHES RELAIS UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
RELAIS ELECTROMAGNETIQUE ET SON PROCEDE DE FABRICATION

Publication
EP 0909452 A1 19990421 (DE)

Application
EP 97930312 A 19970612

Priority
• DE 9701196 W 19970612
• DE 19626982 A 19960704

Abstract (en)
[origin: DE19626982C1] Once the relay system is mounted, the cap is not placed thereon from above, but is supplied upside down with its bottom (9a) facing downwards and filled with a predetermined amount of liquid casting resin (10). The relay system is then pressed, coil winding first, into the cap, so that the cast resin (10) completely encloses the coil winding. After hardening the cast resin, the coil winding is completely isolated from the contact system, so that no contact-damaging gas leaks can occur. At the same time, the whole system gains a high thermal resistance and mechanical stability, so that even surface-mounted connections or press-in pins may be used as relay connections.

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