

Title (en)

Switching device encapsulated in a potting compound and method for making it

Title (de)

In eine Vergussmasse eingebettetes Schaltelement und Verfahren zu seiner Herstellung

Title (fr)

Élément de commutation encapsulé dans une masse coulable et procédé pour sa fabrication

Publication

EP 0836208 A3 19990127 (DE)

Application

EP 97115957 A 19970912

Priority

DE 19642403 A 19961014

Abstract (en)

[origin: EP0836208A2] The switch element is inserted in a casting trough (11) which is filled with a resin mass supplied under pressure via a filling bore (28) at the lowest point, with the air vented via a measuring opening (29). This is used for measuring the level of the injected mass via a laser beam (31) reflected from the surface of the injected mass, for controlling the filling process. The filling bore is closed by a base skin which is opened by the pressure of the injected resin mass and which closes automatically at the end of the filling process.

IPC 1-7

H01H 11/00; **H01H 9/04**

IPC 8 full level

H01H 9/04 (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP US)

H01H 9/04 (2013.01 - EP US); **H01H 11/00** (2013.01 - EP US); **Y10T 29/49105** (2015.01 - EP US)

Citation (search report)

- [Y] EP 0118841 A2 19840919 - INT STANDARD ELECTRIC CORP [US]
- [YA] EP 0118843 A2 19840919 - INT STANDARD ELECTRIC CORP [US]
- [A] FR 2698757 A1 19940603 - SEXTANT AVIONIQUE [FR]
- [A] DE 9011926 U1 19901115

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0836208 A2 19980415; **EP 0836208 A3 19990127**; **EP 0836208 B1 20030102**; DE 19642403 A1 19980416; DE 59709049 D1 20030206; US 5890586 A 19990406

DOCDB simple family (application)

EP 97115957 A 19970912; DE 19642403 A 19961014; DE 59709049 T 19970912; US 94983597 A 19971014