

Title (en)

METHOD FOR PRODUCTION OF A LOW CURRENT SWITCH MODULE AND DEVICE OBTAINED BY SAID METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES NIEDERSTROMSCHALTMODULS UND DURCH DAS VERFAHREN ERHALTENE EINRICHTUNG

Title (fr)

PROCEDE DE FABRICATION D'UN MODULE DE COMMUTATION FAIBLE COURANT ET DISPOSITIF OBTENU PAR LEDIT PROCEDE

Publication

**EP 2087499 A1 20090812 (FR)**

Application

**EP 07821540 A 20071018**

Priority

- EP 2007061176 W 20071018
- FR 0609529 A 20061030

Abstract (en)

[origin: FR2907962A1] The method involves precutting a fine metallic conductor track (14) of conducting circuits connected by connector tracks in the same sheet. A contact relay and electronic components are positioned on the conductor track. The relay and components on the conductor track are electrically and mechanically connected. An assembly including the conductor track, contact relay, components, pins and electrical connectors is encapsulated in an insulating material using a forced injection operation of plastic materials. A specific number of connector tracks is cut to separate the conducting circuits.

IPC 8 full level

**H01H 49/00** (2006.01)

CPC (source: EP US)

**H01H 49/00** (2013.01 - EP US); **H01H 51/281** (2013.01 - EP US); **Y10T 29/4902** (2015.01 - EP US); **Y10T 29/49105** (2015.01 - EP US); **Y10T 29/49176** (2015.01 - EP US)

Citation (search report)

See references of WO 2008052891A1

Citation (examination)

- EP 0621621 A2 19941026 - GOULD ELECTRONICS INC [US]
- US 4268953 A 19810526 - TETRO ROLAND G
- GB 2350233 A 20001122 - BREED AUTOMOTIVE TECH [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**FR 2907962 A1 20080502**; **FR 2907962 B1 20100108**; EP 2087499 A1 20090812; JP 2010508632 A 20100318; US 2010214045 A1 20100826; US 8122592 B2 20120228; WO 2008052891 A1 20080508

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