

Title (en)

Manufacturing process of an opening switch for doors or trunk of vehicles, and switch produced by this process

Title (de)

Herstellungsverfahren eines Öffnungsschalters für Türen oder Kofferraum eines Kraftfahrzeuges und einen durch dieses Verfahren erhaltenen Schalter.

Title (fr)

Procédé de fabrication d'un interrupteur d'ouverture pour portes ou portes de coffre de véhicules, et interrupteur obtenu grâce à ce procédé

Publication

EP 1677324 A3 20070627 (FR)

Application

EP 05112534 A 20051220

Priority

ES 200403097 A 20041228

Abstract (en)

[origin: EP1677324A2] The method involves low pressure molding a polymer e.g. polyamide, on a microswitch (6) to obtain an intermediate body (12). Another polymer is molded on an assembly formed by the intermediate body, an end of an electrical cable (9) and a connection unit (10) using a high pressure injection machine for forming a cover (11). The cover is joined with the intermediate body for forming a lid. An independent claim is also included for a switch presenting a carcase.

IPC 8 full level

H01H 11/00 (2006.01)

CPC (source: EP)

E05B 81/76 (2013.01); **H01H 11/00** (2013.01); **H01H 13/04** (2013.01); **H01H 2009/0285** (2013.01); **H01H 2011/0081** (2013.01)

Citation (search report)

- [A] DE 1276780 B 19680905 - WOLFGANG FEIERBACH, et al
- [A] EP 1128405 A1 20010829 - CHERRY GMBH [DE]
- [A] DE 4139091 A1 19930826 - HOF SASS P [DE]

Cited by

WO2020086501A1; EP2230366A3; CN113228215A; US11566455B2; DE102022115844B3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1677324 A2 20060705; **EP 1677324 A3 20070627**; **EP 1677324 B1 20081022**; **EP 1677324 B2 20180328**; AT E412246 T1 20081115; DE 602005010537 D1 20081204

DOCDB simple family (application)

EP 05112534 A 20051220; AT 05112534 T 20051220; DE 602005010537 T 20051220