

Title (en)
HOUSING AND AND A CONDUCTING RAIL FOR DISCONNECTING A BATTERY

Title (de)
GEHÄUSE UND STROMLEITERSCHIENE FÜR EINE BATTERIEABSCHALTUNG

Title (fr)
BOITIER ET RAIL CONDUCTEUR POUR DECONNEXION DE BATTERIE

Publication
EP 1588392 A1 20051026 (DE)

Application
EP 04716591 A 20040303

Priority
• EP 2004002113 W 20040303
• DE 10311195 A 20030312

Abstract (en)
[origin: US2007034491A1] The invention relates to a device for pyromechanical separation comprising a housing (4) and a conducting rail (2) which is arranged therein and embodied in such a way that it is separable at a separation point (13) by a separating tool (6) which is actuated by a propulsion pyrotechnical charge (12). In order to protect said conducting rail against manipulations and ensure an unequivocal positioning, the conducting rail (2), the propulsion charge (12) and the separating tool (6) are fixed in the housing (4) in an irremovable manner by a latch (5) which is inserted into the housing (4) and are nondetachably fixed thereto. Said latch (5) is also used as a support for the separating tool (6), i.e. it comprises a cutting edge (7) along which said separating tool (7) cuts.

IPC 1-7
H01H 39/00

IPC 8 full level
H01H 39/00 (2006.01)

CPC (source: EP US)
H01H 39/006 (2013.01 - EP US); **H01H 2039/008** (2013.01 - EP US)

Citation (search report)
See references of WO 2004081960A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2007034491 A1 20070215; US 7498531 B2 20090303; AT E362644 T1 20070615; DE 102004010071 A1 20040923;
DE 502004003832 D1 20070628; EP 1588392 A1 20051026; EP 1588392 B1 20070516; ES 2283993 T3 20071101; JP 2006520071 A 20060831;
JP 4132064 B2 20080813; WO 2004081960 A1 20040923

DOCDB simple family (application)
US 54876104 A 20040302; AT 04716591 T 20040303; DE 102004010071 A 20040302; DE 502004003832 T 20040303;
EP 04716591 A 20040303; EP 2004002113 W 20040303; ES 04716591 T 20040303; JP 2006504513 A 20040303