

Title (en)
SWITCHING DEVICE

Title (de)
SCHALTGERÄT

Title (fr)
COMMUTATEUR

Publication
EP 1687835 B1 20080326 (DE)

Application
EP 04797530 A 20041102

Priority
• EP 2004012387 W 20041102
• DE 10356271 A 20031128

Abstract (en)
[origin: DE10356271A1] The gear has a cage assembly (24) with two oppositely facing side panels (5) and a floor panel (6). A slider (4) has an opening to which a moveable contact bridge (3) is fixed to provide a firm contact between the slider and a contact spring (2). Sidewalls (23) of the panels form a space into which the bridge moves during the switching process. The panels are connected to a gutter on the side opposite to a floor panel. An independent claim is also included for a method of manufacturing a switch gear.

IPC 8 full level
H01H 71/02 (2006.01)

CPC (source: EP KR US)
H01H 71/0207 (2013.01 - EP KR US); **H01H 71/10** (2013.01 - KR); **H01H 73/045** (2013.01 - KR); **H01H 73/045** (2013.01 - EP US);
Y10T 29/49105 (2015.01 - EP US)

Cited by
FR2973559A1

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

DOCDB simple family (publication)
DE 10356271 A1 20050623; DE 10356271 B4 20080214; AT E390703 T1 20080415; CN 1886816 A 20061227; CN 1886816 B 20120118;
DE 502004006689 D1 20080508; EP 1687835 A1 20060809; EP 1687835 B1 20080326; ES 2302048 T3 20080701; HK 1095202 A1 20070427;
JP 2007512664 A 20070517; JP 4309431 B2 20090805; KR 100856594 B1 20080903; KR 20060116843 A 20061115; PL 1687835 T3 20080930;
US 2005135022 A1 20050623; US 2006266738 A1 20061130; US 2007187365 A1 20070816; US 7285742 B2 20071023;
US 7371987 B2 20080513; US 7748105 B2 20100706; WO 2005062333 A1 20050707

DOCDB simple family (application)
DE 10356271 A 20031128; AT 04797530 T 20041102; CN 200480035353 A 20041102; DE 502004006689 T 20041102;
EP 04797530 A 20041102; EP 2004012387 W 20041102; ES 04797530 T 20041102; HK 07102414 A 20070305; JP 2006540225 A 20041102;
KR 20067012972 A 20060628; PL 04797530 T 20041102; US 49557506 A 20060731; US 78552507 A 20070418; US 99805304 A 20041129