

Title (en)
PIVOTABLE SLIDING DOOR

Title (de)
SCHWENKSCHIEBETÜR

Title (fr)
PORTE COULISSANTE PIVOTANTE

Publication
EP 1853474 A1 20071114 (DE)

Application
EP 06706773 A 20060209

Priority
• EP 2006001134 W 20060209
• AT 2642005 A 20050217

Abstract (en)
[origin: WO2006087132A1] The invention relates to a pivotable sliding door, especially for railway vehicles, comprising a roller lever (1) which is disposed in the area of the lateral closing edge and engages into a guide rail (4) located on the door leaf (3) by means of a roller (2). In order to prevent an air gap from forming as a result of forces acting upon the door leaf in a transversal direction, the roller lever (1) can be moved along a given, preferably curved track to a position that is defined by a stop while being pivotable into a locked position in the stopped position. In said locked position, a locking element (7) located on the lever arm of the roller lever (1) which is at a distance from the door leaf engages into a blocking device that is fixed to the gate.

IPC 8 full level
B61D 19/02 (2006.01); **E05D 15/10** (2006.01)

CPC (source: EP US)
B61D 19/008 (2013.01 - EP US); **B61D 19/02** (2013.01 - EP US); **E05D 15/1068** (2013.01 - EP US); **E05D 2015/1086** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/232** (2013.01 - EP US); **E05Y 2900/51** (2013.01 - EP US)

Citation (search report)
See references of WO 2006087132A1

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

DOCDB simple family (publication)
WO 2006087132 A1 20060824; WO 2006087132 A8 20061102; WO 2006087132 A8 20070913; AT 501468 A4 20060915;
AT 501468 B1 20060915; AT 501468 B8 20070215; AT E446231 T1 20091115; CN 101119881 A 20080206; CN 101119881 B 20100602;
DE 502006005181 D1 20091203; EP 1853474 A1 20071114; EP 1853474 B1 20091021; ES 2334516 T3 20100311;
US 2009007491 A1 20090108; US 8122644 B2 20120228

DOCDB simple family (application)
EP 2006001134 W 20060209; AT 06706773 T 20060209; AT 2642005 A 20050217; CN 200680005255 A 20060209;
DE 502006005181 T 20060209; EP 06706773 A 20060209; ES 06706773 T 20060209; US 81650606 A 20060209