

Title (en)
Sliding window or glazed door

Title (de)
Schiebeglasfenster oder -tür

Title (fr)
FENÊTRE OU PORTE VITRÉE COULISSANTE

Publication
EP 2449198 B1 20150225 (FR)

Application
EP 10730238 A 20100618

Priority
• IB 2010052762 W 20100618
• EP 09164072 A 20090629
• EP 10730238 A 20100618

Abstract (en)
[origin: WO2011001321A1] The invention relates to a sliding panel (1), comprising, on at least one of sides thereof in the direction of the movement thereof, the reinforcing member (4) consisting of two aluminum sections (4a and 4b) connected by a polyamide thermal break (4c) and having two edges (4d and 4e) that define the longitudinal groove (22) having the same width from one end of the member (4) to the other end thereof. The guides (10) and the longitudinal inverted channel section (11) are placed in stationary positions on the benches (8 and 9) belonging to the profile sections of the frame (2) of the sliding window or glass door. Each guide (10) comprises, in the center of the contact (12), the vertical rod (20) having, on the top end thereof, ball bearings (21) that are located exactly between the edges (4d and 4e) and are located in the longitudinal groove (22) through which the panel (1) is guided in the movements thereof.

IPC 8 full level
E05D 15/06 (2006.01); **E06B 3/263** (2006.01); **E06B 3/46** (2006.01)

CPC (source: EP US)
E05D 15/0665 (2013.01 - EP US); **E05D 15/0686** (2013.01 - EP US); **E06B 3/26347** (2013.01 - EP US); **E06B 3/4609** (2013.01 - EP US); **E05Y 2800/672** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (examination)
US 2274730 A 19420303 - WILLIAM OWEN

Cited by
CN105756494A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011001321 A1 20110106; EP 2281990 A1 20110209; EP 2449198 A1 20120509; EP 2449198 B1 20150225; ES 2536690 T3 20150527; PT 2449198 E 20150603; US 2011197515 A1 20110818; US 8806808 B2 20140819

DOCDB simple family (application)
IB 2010052762 W 20100618; EP 09164072 A 20090629; EP 10730238 A 20100618; ES 10730238 T 20100618; PT 10730238 T 20100618; US 99839010 A 20100606