

Title (en)

Corner reinforcements or struts for sliding wings

Title (de)

Eckverstärkung oder -versteifung von Schiebeflügeln

Title (fr)

Renforcements de coins ou entretoise pour vantaux coulissants

Publication

EP 1132562 B2 20190904 (DE)

Application

EP 01105614 A 20010306

Priority

- DE 10011353 A 20000311
- DE 10101544 A 20010115

Abstract (en)

[origin: EP1132562A2] The fixture for a sliding panel with tipping possibility involves particularly wooden or plastic rails as frame profiles and the panel having horizontal and vertical rails. Via one of these rails the panel is fitted on movable running carriages. The running carriages are firmly connectable with the panel in corner areas. The carriages have accommodation or support surfaces (21) in the fitted state running vertically to the plane of the panel. A bolt (22) engages in an aperture (21a) of the horizontal surface and is connectable via an elongated plate (23,23a,23b) with the panel. The plate is so formed that the connection is achieved in the area above the horizontal rail of the panel. It has at least two installation positions (24a,24b,25a,25b) spaced (c) apart in the horizontal direction.

IPC 8 full level

E05D 15/10 (2006.01)

CPC (source: EP)

E05D 15/1015 (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2600/62** (2013.01); **E05Y 2600/628** (2013.01); **E05Y 2800/682** (2013.01)

Citation (opposition)

Opponent :

<<<NON - C I T E D D O C U M E N T>>> Brochure: Alu-HKS 150 ZL/150SL, Hautau-Kipp-Schiebe-Beschläge, Februar 1995

Cited by

WO2012095806A1; CN103328749A; DE10110722B4; RU2671764C2; WO2011003322A1; EP2384386B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1132562 A2 20010912; **EP 1132562 A3 20030806**; **EP 1132562 B1 20160629**; **EP 1132562 B2 20190904**; DE 10110722 A1 20020124; DE 10110722 B4 20150924; EP 2267258 A2 20101229; EP 2267258 A3 20140430; EP 2267258 B1 20170510; ES 2594152 T3 20161216; ES 2636913 T3 20171010; PT 2267258 T 20170810

DOCDB simple family (application)

EP 01105614 A 20010306; DE 10110722 A 20010306; EP 10184738 A 20010306; ES 01105614 T 20010306; ES 10184738 T 20010306; PT 10184738 T 20010306