

Title (en)

A one-piece carriage for sliding door and window frames.

Title (de)

Einteiliger Schlitten für Schiebetür- und Schiebefensterrahmen

Title (fr)

Chariot monobloc pour cadres des portes et fenêtres coulissantes

Publication

**EP 1134347 A3 20070131 (EN)**

Application

**EP 01830167 A 20010313**

Priority

IT BO20000140 A 20000315

Abstract (en)

[origin: EP1134347A2] A one piece carriage for sliding door and window frames (1) comprises a pair of wheels (4a, 4b), sliding on a fixed track (3), connected in such a way that they can turn idly, at the relative ends of a support body (5) which can be attached, using relative means (6), to a crosspiece (7) which is part of a mobile frame (8), and support means (9) for the mobile crosspiece (7) which also adjust the position of the mobile crosspiece (7) relative to the track (3), said means being made in the form of a single body on the support body (5) and designed to allow an adjusting oscillation of the mobile crosspiece (7) relative to the support body (5), in operation, according to the differences in the levels of the track (3) and the mobile crosspiece (7).

IPC 8 full level

**E05D 15/06** (2006.01)

CPC (source: EP)

**E05D 15/0665** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [X] EP 0846826 A1 19980610 - FERCO INT USINE FERRURES [FR]
- [XP] EP 1010849 A1 20000621 - SOTRALU [FR]
- [X] FR 2332406 A1 19770617 - DS CROISEE [FR]
- [XD] IT BO940100 A1 19950915 - GIESSE SPA [IT]
- [X] DE 8902831 U1 19900705

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

**EP 1134347 A2 20010919**; **EP 1134347 A3 20070131**; **EP 1134347 B1 20080514**; AT E395490 T1 20080515; DE 60133961 D1 20080626; IT 1321150 B1 20031230; IT BO20000140 A1 20010915

DOCDB simple family (application)

**EP 01830167 A 20010313**; AT 01830167 T 20010313; DE 60133961 T 20010313; IT BO20000140 A 20000315