

Title (en)

CARRIAGE UNIT FOR SLIDING DOORS OF BUILDINGS OR FURNITURE AND THE LIKE

Title (de)

LAUFWAGENEINHEIT FÜR SCHIEBETÜRE VON GEBÄUDEN ODER MÖBELN UND DERGLEICHEN

Title (fr)

ARRANGEMENT DE CHARIOT POUR PORTES COULISSANTES DE BÂTIMENTS OU D'AMEUBLEMENT ET ANALOGUES

Publication

EP 2899350 B1 20210623 (EN)

Application

EP 15000169 A 20150121

Priority

IT RN20140008 A 20140123

Abstract (en)

[origin: EP2899350A1] A stopping and damping device for carriage units of sliding doors of buildings or furniture and the like comprises a body (10) mounted in a rail (2) and a retaining device (12) for retaining a carriage (3) which guides and supports elements (4) of sliding doors of buildings or furniture. A retaining lever (120) is movable about an axis of rotation (121) on the body (10) between a first end position and a second end position, the rotation of the retaining lever (120) in a first direction of rotation (D1) from the first end position to the second end position being opposed by a reaction torque generated by elastic opposing means (122). Contact of a first lever arm (123) of the retaining lever (120) with predetermined portions of the carriage (3) starts the rotation of the retaining lever (120) in the first direction of rotation (D1) and the retaining lever (120), under the action of the elastic opposing means (122), is urged into and caused to adopt a retaining position on the carriage (3).

IPC 8 full level

E05C 17/60 (2006.01); **E05D 13/00** (2006.01); **E05F 5/00** (2017.01); **E05D 15/06** (2006.01)

CPC (source: EP RU)

E05D 13/04 (2013.01 - EP RU); **E05D 15/0626** (2013.01 - RU); **E05F 5/003** (2013.01 - EP RU); **E05D 15/0626** (2013.01 - EP); **E05Y 2201/212** (2013.01 - EP); **E05Y 2201/218** (2013.01 - EP); **E05Y 2201/25** (2013.01 - EP); **E05Y 2201/264** (2013.01 - EP); **E05Y 2201/64** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP)

Citation (examination)

EP 1775404 A1 20070418 - WAGON AUTOMOTIVE [FR]

Cited by

EP4144945A1; US2017114582A1; US9995078B2; EP3246500A1; US2021246700A1; US11952816B2; US11976508B2; TWI844915B; EP3523493B1

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DOCDB simple family (publication)

EP 2899350 A1 20150729; **EP 2899350 B1 20210623**; ES 2886053 T3 20211216; RU 2014153493 A 20160720; RU 2014153493 A3 20180727; RU 2667137 C2 20180914

DOCDB simple family (application)

EP 15000169 A 20150121; ES 15000169 T 20150121; RU 2014153493 A 20141229