

Title (en)

Dampening device for rail-guided door elements

Title (de)

Dämpfungseinrichtung für schienengeführte Türelemente

Title (fr)

Dispositif d'amortissement pour éléments de porte guidés sur rails

Publication

EP 2354407 A3 20120222 (DE)

Application

EP 11000652 A 20110127

Priority

DE 102010007128 A 20100205

Abstract (en)

[origin: EP2354407A2] The device (1) has a retaining body (2) for fixing a damping element (3) and comprising an opening in which a carriage (4) is arranged in a movable manner. The retaining body has a rectangular, U-shaped or oval-shaped cross-section, where the damping device is mounted at a guide rail over the carriage with cam rollers. The retaining body has a housing (7) for the damping element and side parts (5, 6) that are inserted into the guide rail. The damping element has a spring that is connected with a cylinder or the retaining body and with a piston rod.

IPC 8 full level

E05F 5/00 (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP)

E05F 1/16 (2013.01); **E05F 5/003** (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2800/24** (2013.01); **E05Y 2800/28** (2013.01)

Citation (search report)

- [XYI] EP 2136021 A2 20091223 - SLINDING S R L [IT]
- [YA] EP 2060720 A2 20090520 - AGOSTINO FERRARI SPA [IT]
- [A] EP 2048311 A2 20090415 - TERNO SCORREVOLI SRL [IT]

Cited by

CN105452586A; CN108442837A; RU2620753C2; WO2014169771A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2354407 A2 20110810; EP 2354407 A3 20120222; EP 2354407 B1 20161019; DE 102010007128 A1 20110811;
DE 102010007128 B4 20130919; PL 2354407 T3 20170731

DOCDB simple family (application)

EP 11000652 A 20110127; DE 102010007128 A 20100205; PL 11000652 T 20110127