

Title (en)

BRAKING DEVICE FOR A SLIDING ELEMENT

Title (de)

DÄMPFUNGSEINHEIT FÜR EIN SCHIEBEELEMENT

Title (fr)

DISPOSITIF D'AMORTISSEMENT D'UN ÉLÉMENT COULISSANT

Publication

**EP 3532690 B1 20200923 (DE)**

Application

**EP 17791086 A 20171027**

Priority

- DE 102016120702 A 20161028
- DE 102017103861 A 20170224
- EP 2017077552 W 20171027

Abstract (en)

[origin: WO2018078070A1] The invention relates to a damping unit (10) for a sliding element (3), in particular a movable furniture part, a movable element of a domestic appliance or a sliding or folding door, having a linearly guided driver (12), which interacts with an actuator (5) connected directly or indirectly to the sliding element (3), and which is coupled to a linear damper (16). The damping unit (10) is distinguished by the fact that the linear damper (16) has a damping travel which is longer than a displacement travel of the driver (12); the linear damper has damping properties that vary along the damping travel; and there is an adjustable coupling element (17), which optionally assigns different sections (21, 22) of the damping travel to the displacement travel of the driver (12).

IPC 8 full level

**E05F 5/10** (2006.01); **E05F 1/16** (2006.01); **E05F 5/00** (2017.01)

CPC (source: EP)

**E05F 1/16** (2013.01); **E05F 5/003** (2013.01); **E05F 5/10** (2013.01); **E05Y 2201/20** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2600/10** (2013.01)

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

DOCDB simple family (publication)

**WO 2018078070 A1 20180503**; CN 109923274 A 20190621; CN 109923274 B 20210709; EP 3532690 A1 20190904; EP 3532690 B1 20200923

DOCDB simple family (application)

**EP 2017077552 W 20171027**; CN 201780067132 A 20171027; EP 17791086 A 20171027