

Title (en)

GUIDE RAIL ASSEMBLY FOR AN OPENING LIMITER, OPENING LIMITER HAVING SUCH A GUIDE RAIL ASSEMBLY AND LEAF ARRANGEMENT HAVING SUCH AN OPENING LIMITER

Title (de)

FÜHRUNGSSCHIENENBAUGRUPPE FÜR EINEN ÖFFNUNGSBEGRENZER, ÖFFNUNGSBEGRENZER MIT SOLCH EINER FÜHRUNGSSCHIENENBAUGRUPPE SOWIE FLÜGELANORDNUNG MIT SOLCH EINEM ÖFFNUNGSBEGRENZER

Title (fr)

UNITÉ DE RAILS DE GUIDAGE POUR UN LIMITEUR D'OUVERTURE, LIMITEUR D'OUVERTURE COMPRENANT UNE UNITÉ DE RAILS DE GUIDAGE DE CE TYPE, ET ENSEMBLE FORMANT BATTANT COMPRENANT UN TEL LIMITEUR D'OUVERTURE

Publication

EP 3963161 B1 20230628 (DE)

Application

EP 20742204 A 20200713

Priority

- DE 102019118974 A 20190712
- EP 2020069727 W 20200713

Abstract (en)

[origin: WO2021009107A1] The present invention relates to a guide rail assembly for an opening limiter for a leaf of a window, door or the like. The guide rail assembly comprises a guide rail, in which a carriage that can be coupled in an articulated manner to a limiting arm is arranged, said carriage being displaceable via the guide rail between a first position, which corresponds to a closed state of the leaf, and a second position, which corresponds to an open state of the leaf. Furthermore, an end stop is provided that prevents the carriage being displaced beyond the end stop. In addition, a reversibly deformable damping unit is provided between the end stop and the carriage, which damping unit comprises, according to the invention, a reversibly deformable damping element and at least one retaining element captively connected to the guide rail, by means of which retaining element the damping element is captively retained in the guide rail.

IPC 8 full level

E05F 5/06 (2006.01); **E05C 17/24** (2006.01); **E05F 3/22** (2006.01)

CPC (source: EP)

E05C 17/24 (2013.01); **E05F 5/06** (2013.01); **E05F 3/227** (2013.01); **E05F 2003/228** (2013.01); **E05F 2015/631** (2015.01); **E05Y 2201/224** (2013.01); **E05Y 2201/624** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2800/678** (2013.01); **E05Y 2900/132** (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)

DE 102019118974 A1 20210114; EP 3963161 A1 20220309; EP 3963161 B1 20230628; PL 3963161 T3 20240103; WO 2021009107 A1 20210121

DOCDB simple family (application)

DE 102019118974 A 20190712; EP 2020069727 W 20200713; EP 20742204 A 20200713; PL 20742204 T 20200713