

Title (en)

DOOR HOLDER

Title (de)

TÜRFESTSTELLER

Title (fr)

DISPOSITIF DE RETENUE DE PORTE

Publication

**EP 3417132 A1 20181226 (DE)**

Application

**EP 17724480 A 20170412**

Priority

- DE 102016106826 A 20160413
- DE 2017100302 W 20170412

Abstract (en)

[origin: WO2017178018A1] The invention relates to a door holder, comprising a retainer housing (230), which can be connected either to a door or a door frame, and comprising a door retainer rod, which penetrates the retainer housing (230) and which can be articulated to the other of the door and the door frame, wherein the door retainer rod has at least one braking surface, wherein at least one braking element (50) that can be displaced toward the at least one braking surface is arranged on the retainer housing (230), which braking element can be brought in contact with the at least one braking surface of the door retainer rod at least in some sections and thus produces a primary braking force component against the displacement of the door retainer rod, wherein the door retainer rod has at least one guiding surface, which is inclined with respect to the braking surface. According to the invention, a door holder that provides high holding forces at least in some sections is created in that at least one guiding element (235a, 235b) is arranged on the retainer housing (230), which guiding element can be brought in contact with the at least one guiding surface at least in some regions and produces a secondary braking force component against the displacement of the door retainer rod.

IPC 8 full level

**E05C 17/20** (2006.01)

CPC (source: EP KR US)

**E05C 17/203** (2013.01 - EP KR US); **E05C 17/206** (2013.01 - KR); **E05C 17/446** (2013.01 - US); **E05C 17/206** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - US); **E05Y 2900/132** (2013.01 - US)

Citation (search report)

See references of WO 2017178018A1

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)

**WO 2017178018 A1 20171019**; CN 109072645 A 20181221; CN 109072645 B 20200605; DE 102016106826 A1 20171019; EP 3417132 A1 20181226; EP 3417132 B1 20200129; JP 2019513923 A 20190530; JP 7088844 B2 20220621; KR 102471663 B1 20221125; KR 20180135905 A 20181221; MX 2018012412 A 20190606; US 11492828 B2 20221108; US 2019169894 A1 20190606

DOCDB simple family (application)

**DE 2017100302 W 20170412**; CN 201780023367 A 20170412; DE 102016106826 A 20160413; EP 17724480 A 20170412; JP 2018554077 A 20170412; KR 20187030382 A 20170412; MX 2018012412 A 20170412; US 201716092545 A 20170412