

Title (en)

DOOR-STOPPING DEVICE WITH INFINITE HOLDING POSITIONS

Title (de)

TÜRSTOPPVORRICHTUNG MIT UNENDLICHEN HALTEPOSITIONEN

Title (fr)

DISPOSITIF D'ARRÊT DE PORTE À POSITIONS DE MAINTIEN INFINIES

Publication

**EP 3724432 B1 20210908 (FR)**

Application

**EP 18833100 A 20181213**

Priority

- FR 1701303 A 20171213
- FR 2018053266 W 20181213

Abstract (en)

[origin: WO2019115957A1] The invention relates to a door-stopping device, including a linking arm (1) and a locking mechanism (2), one being rigidly connected to the leaf of the door and the other to the frame, said linking arm (1) including at least one face (11) intended for engaging with a braking element (21) resting on said face (11) of the linking arm (1), said braking element (21) being controlled by a blocking element (23) resting in a notch (211) provided on the braking element (21), said blocking element (23) engaging with resilient return means (24) intended for exerting a pressure of the blocking element (23) on the braking element (21), thus allowing the relative holding of the door in open position in any given position between the closed and fully-open positions. The device according to the invention is particularly applicable to motor vehicle doors.

IPC 8 full level

**E05C 17/20** (2006.01); **E05C 17/22** (2006.01)

CPC (source: EP US)

**E05C 17/203** (2013.01 - EP US); **E05C 17/22** (2013.01 - EP US)

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)

**FR 3074829 A1 20190614**; CN 111601940 A 20200828; EP 3724432 A1 20201021; EP 3724432 B1 20210908; JP 2021507147 A 20210222; JP 7285576 B2 20230602; US 11236535 B2 20220201; US 2021172223 A1 20210610; WO 2019115957 A1 20190620

DOCDB simple family (application)

**FR 1701303 A 20171213**; CN 201880077933 A 20181213; EP 18833100 A 20181213; FR 2018053266 W 20181213; JP 2020533090 A 20181213; US 201816771767 A 20181213