

Title (en)

FIRE PROTECTION SECURING DEVICE FOR SECURING A DOOR ACTUATOR

Title (de)

BRANDSCHUTZBEFESTIGUNGSEINRICHTUNG ZUR BEFESTIGUNG EINES TÜRBETÄTIGERS

Title (fr)

DISPOSITIF DE FIXATION ANTI-INCENDIE PERMETTANT DE FIXER UN VÉRIN DE PORTE

Publication

EP 4182531 A1 20230524 (DE)

Application

EP 21743202 A 20210719

Priority

- EP 20186680 A 20200720
- EP 2021070147 W 20210719

Abstract (en)

[origin: US2022018175A1] A fire protection fastening device for fastening a door actuator, includes a frame with a back side, which is to be oriented to a mounting surface, in particular to a door, casing or wall, wherein a mounting axis is defined vertically to the back side. The frame is formed for arrangement between a door actuator and the mounting surface or is an integral component of the door actuator (102), at least one reaction chamber formed in the frame, wherein the frame delimits the reaction chamber on the entire circumference. The reaction chamber is open on the back side and/or on a front side of the frame opposite the back side. The device further includes a drive element made from thermally intumescent material disposed in the reaction chamber and, when activated, is formed for pushing away the door actuator from the mounting surface.

IPC 8 full level

E05D 5/02 (2006.01)

CPC (source: EP KR US)

E05D 5/02 (2013.01 - EP); **E05F 1/006** (2013.01 - US); **E05F 1/10** (2013.01 - KR); **E05F 3/04** (2013.01 - KR); **E05F 3/22** (2013.01 - EP); **E05F 3/227** (2013.01 - EP US); **E05F 5/027** (2013.01 - KR); **E06B 5/167** (2013.01 - US); **E05F 3/04** (2013.01 - EP); **E05Y 2201/10** (2013.01 - KR); **E05Y 2201/11** (2013.01 - US); **E05Y 2201/254** (2013.01 - KR); **E05Y 2201/41** (2013.01 - KR); **E05Y 2600/51** (2013.01 - US); **E05Y 2600/626** (2013.01 - EP US); **E05Y 2800/254** (2013.01 - EP); **E05Y 2800/414** (2013.01 - EP US); **E05Y 2800/416** (2013.01 - EP KR US); **E05Y 2800/67** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP KR); **E05Y 2900/134** (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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

US 11814888 B2 20231114; **US 2022018175 A1 20220120**; AU 2021203852 A1 20220203; AU 2021313025 A1 20230223; CN 115885079 A 20230331; EP 3943697 A1 20220126; EP 4182531 A1 20230524; JP 2022020556 A 20220201; KR 20220011094 A 20220127; KR 20230041696 A 20230324; TW 202210705 A 20220316; US 2023287723 A1 20230914; WO 2022018026 A1 20220127

DOCDB simple family (application)

US 202117374303 A 20210713; AU 2021203852 A 20210610; AU 2021313025 A 20210719; CN 202180049896 A 20210719; EP 20186680 A 20200720; EP 2021070147 W 20210719; EP 21743202 A 20210719; JP 2021097783 A 20210611; KR 20210092849 A 20210715; KR 20237001915 A 20210719; TW 110125026 A 20210707; US 202118016761 A 20210719