

Title (en)
PARKING APPARATUS EQUIPPED WITH A DOOR APPARATUS

Title (de)
ABSTELLVORRICHTUNG MIT TORVORRICHTUNG

Title (fr)
DISPOSITIF DE STATIONNEMENT ÉQUIPÉ D'UN ENSEMBLE DE PORTE

Publication
EP 4087997 B1 20231129 (DE)

Application
EP 20796768 A 20201022

Priority

- DE 102020100418 A 20200110
- EP 2020079710 W 20201022

Abstract (en)
[origin: WO2021139908A1] The invention relates to a door apparatus (1) for closing an access opening (A) and to a parking apparatus (70) equipped with said door apparatus, which door apparatus comprises two vertically aligned guide rails (2, 3) and an inner and an outer door element (20, 30) which are each movably mounted in/on a vertically aligned inner or outer guide (4) of the guide rails (2, 3). In a closed position (SG) of the door apparatus (1), the inner door element (30) is arranged in a first region (B1) of the access opening (A) which is situated lower than a second region (B2) in which the outer door element (20) is arranged. In an open position (SO) of the door apparatus (1), the inner and the outer door element (20, 30) are arranged in a third region (B3) of the access opening (A) which is situated higher than the first and the second region (B1, B2). Furthermore, the door apparatus (1) has a locking element (40) for producing a locked state (S) in which the movable mounting of the inner door element (30) relative to the two guide rails (2, 3) is locked in the closed position (SG). A coupling element (50) on one of the inner and the outer door element (20, 30) interacts with the other one of the inner and the outer door element (20, 30) in such a way that, indirectly via the inner door element (30), the locking element (40) locks the movable mounting of the outer door element (20) in the locked state (S) relative to the two guide rails (2, 3).

IPC 8 full level
E06B 3/92 (2006.01); **E04H 6/06** (2006.01); **E05B 63/14** (2006.01); **E05B 65/08** (2006.01); **E05C 7/00** (2006.01); **E05D 15/16** (2006.01); **E05D 15/18** (2006.01); **E05D 15/24** (2006.01); **E05F 15/665** (2015.01); **E05F 15/668** (2015.01); **E05F 15/67** (2015.01); **E05F 17/00** (2006.01); **E06B 3/44** (2006.01); **E06B 3/70** (2006.01); **E06B 11/02** (2006.01)

CPC (source: EP US)
E04H 6/188 (2013.01 - US); **E05B 63/143** (2013.01 - EP); **E05B 65/0876** (2013.01 - EP US); **E05D 15/16** (2013.01 - EP); **E05D 15/165** (2013.01 - EP); **E05D 15/18** (2013.01 - US); **E05F 15/00** (2013.01 - US); **E05F 15/668** (2015.01 - EP); **E05F 15/67** (2015.01 - EP); **E06B 3/4415** (2013.01 - EP); **E06B 3/4423** (2013.01 - EP); **E06B 3/925** (2013.01 - EP US); **E06B 11/025** (2013.01 - EP); **E04H 6/06** (2013.01 - EP); **E05C 2007/007** (2013.01 - EP); **E05F 2017/005** (2013.01 - EP); **E05F 2017/007** (2013.01 - EP); **E05Y 2201/43** (2013.01 - US); **E05Y 2201/656** (2013.01 - US); **E05Y 2201/684** (2013.01 - US); **E05Y 2900/106** (2013.01 - US); **E06B 2003/7044** (2013.01 - EP US)

Citation (examination)
DE 7911101 U1 19791206

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 102020100418 A1 20210715; AU 2020419575 A1 20220630; EP 4087997 A1 20221116; EP 4087997 B1 20231129; US 2023052115 A1 20230216; WO 2021139908 A1 20210715

DOCDB simple family (application)
DE 102020100418 A 20200110; AU 2020419575 A 20201022; EP 2020079710 W 20201022; EP 20796768 A 20201022; US 202017792018 A 20201022