

Title (en)

CABIN PROVIDED WITH A DEVICE FOR LOCKING AND UNLOCKING THE DOORS AND INSTALLATION FOR TRANSPORTING PASSENGERS COMPRISING AT LEAST ONE SUCH CABIN

Title (de)

KABINE, DIE MIT EINER VER- UND ENTRIEGELUNGSVORRICHTUNG DER TÜREN AUSGESTATTET IST, UND PASSAGIERTRANSPORTANLAGE, DIE MINDESTENS EINE SOLCHE KABINE UMFASST

Title (fr)

CABINE ÉQUIPÉE D'UN DISPOSITIF DE VERROUILLAGE ET DE DÉVERROUILLAGE DES PORTES ET INSTALLATION DE TRANSPORT DE PASSAGERS COMPRENANT AU MOINS UNE TELLE CABINE

Publication

EP 3871745 B1 20220608 (FR)

Application

EP 21157008 A 20210214

Priority

FR 2002019 A 20200228

Abstract (en)

[origin: CN113323516A] The invention relates to a cabin for transporting passengers, comprising at least one door (P1, P2), an interior floor (C) and a doorsill (S) located on either side of the door, and a locking device comprising a lug (E) which is rigidly connected to the door and projects toward the outside of the cabin, and a catch finger (4) that is movable between a locked position and an unlocked position. The invention also relates to an actuating mechanism comprising a pedal (7) which is located under the interior floor (C) of the cabin and can be accessed via a hatch in the floor of the cabin, and a kinematic connection between the pedal (7) and the finger (4), which connection is located under the interior floor (C) and under the doorsill (S) of the cabin. In the locked position, the finger is an abutment on the path of the lug (E). In the unlocked position, the finger is retracted under the doorsill (S) of the cabin.

IPC 8 full level

A63G 27/00 (2006.01)

CPC (source: BR CN EP KR US)

A63G 27/00 (2013.01 - CN EP KR US); **B61B 12/002** (2013.01 - BR); **E05B 47/0002** (2013.01 - US); **E05B 53/001** (2013.01 - CN KR); **E05B 65/00** (2013.01 - CN US); **E05C 3/06** (2013.01 - US); **E05C 9/10** (2013.01 - KR); **E05C 9/22** (2013.01 - KR)

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)

EP 3871745 A1 20210901; **EP 3871745 B1 20220608**; BR 102021003714 A2 20210908; CN 113323516 A 20210831; CN 113323516 B 20230203; ES 2923389 T3 20220927; FR 3107653 A1 20210903; FR 3107653 B1 20220225; JP 2021137571 A 20210916; KR 20210110230 A 20210907; US 11834868 B2 20231205; US 2021293054 A1 20210923

DOCDB simple family (application)

EP 21157008 A 20210214; BR 102021003714 A 20210226; CN 202110218196 A 20210226; ES 21157008 T 20210214; FR 2002019 A 20200228; JP 2021029922 A 20210226; KR 20210026661 A 20210226; US 202117187244 A 20210226