

Title (en)
DEVICE FOR HELPING A VEHICLE PASS OVER AN OBSTACLE

Title (de)
VORRICHTUNG ZUR UNTERSTÜTZUNG DES FAHRENS EINES FAHRZEUGS ÜBER EIN HINDERNIS

Title (fr)
DISPOSITIF D'ASSISTANCE AU FRANCHISSEMENT D'UN OBSTACLE PAR UN VÉHICULE

Publication
EP 3384103 B1 20200101 (FR)

Application
EP 16813095 A 20161130

Priority
• FR 1561690 A 20151201
• FR 2016053150 W 20161130

Abstract (en)
[origin: CA3006889A1] The invention relates to a device (1) for helping a wheeled vehicle pass over an obstacle, in particular for a person with impaired mobility. It comprises: - a stationary frame (2) comprising a bottom and two side walls (9, 10), - a plate (3) provided with two ends, a first end being movable between a high position and a low position in which said plate constitutes a first access ramp, - an assembly for driving the vertical translational movement at least of said first end supported by said assembly, - a flap (4) forming a front surface of the device in the high position of the plate and forming a second access ramp in the low position of the plate, the flap (4) being pivotably mounted on the plate at the first end of said plate, and - a mechanism for deploying the flap (4), comprising at least one connecting rod including a front end hingedly connected to the flap (4), the hinge being separated from the upper edge and from the lower edge of said flap (4), a rear end linked to a first slide slidably mounted in a linear guide provided in the plate, and a central portion linked to a second slide (45) slidably mounted in a guide (19) provided in one side of the frame, the connecting rod moving in a substantially vertical plane.

IPC 8 full level
E04F 11/00 (2006.01)

CPC (source: EP US)
E04F 11/002 (2013.01 - EP US)

Cited by
DE202021102530U1

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 3044272 A1 20170602; FR 3044272 B1 20180112; CA 3006889 A1 20170608; DK 3384103 T3 20200406; EP 3384103 A1 20181010; EP 3384103 B1 20200101; ES 2781210 T3 20200831; PT 3384103 T 20200406; US 10415254 B2 20190917; US 2018347203 A1 20181206; WO 2017093664 A1 20170608; ZA 201804161 B 20200624

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FR 1561690 A 20151201; CA 3006889 A 20161130; DK 16813095 T 20161130; EP 16813095 A 20161130; ES 16813095 T 20161130; FR 2016053150 W 20161130; PT 16813095 T 20161130; US 201615780261 A 20161130; ZA 201804161 A 20180621