

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)  
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Cited by  
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DOCDB simple family (publication)  
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