

Title (en)

MECHANISM FOR LIFTING BOARDING PLATES OF A CAR TRANSPORTATION WAGON

Title (de)

MECHANISMUS ZUM ANHEBEN VON VERLADEPLATTEN EINES AUTOTRANSPORTWAGENS

Title (fr)

MÉCANISME DE LEVAGE DE PLAQUES D'EMBARQUEMENT D'UN WAGON DE TRANSPORT DE VOITURES

Publication

**EP 3715209 A1 20200930 (EN)**

Application

**EP 19475503 A 20190425**

Priority

SK 500232019 U 20190325

Abstract (en)

The mechanism for lifting of the boarding plates (2) of a wagon for transportation of cars contains at least two linear drives (1), which are connected to the input shaft (3), which fulfils also a function of linear drive (1) support. During rotation of the input shaft (3), the linear drives (1) push the contact stops (4), and thus the boarding plate (2) is lifted. The contact stops (4) are connected to the linear drives (1) by means of the articulated joint (5), so that it is possible, during lifting and lowering of the boarding plate (2), to change their inclination so that the whole surface of the contact stops (4) is always in contact with the boarding plate (2). By rotating the input shaft (3), the contact stops (4) are pushed away or pulled together, and thus height of the boarding plate (2) is modified.

IPC 8 full level

**B61D 3/18** (2006.01)

CPC (source: EP)

**B61D 3/18** (2013.01); **B61D 3/187** (2013.01)

Citation (applicant)

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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

DOCDB simple family (publication)

**EP 3715209 A1 20200930**; SK 500232019 U1 20200602; SK 8911 Y1 20201103

DOCDB simple family (application)

**EP 19475503 A 20190425**; SK 500232019 U 20190325