

Title (en)

FOLDABLE DEVICES FOR TRANSPORTING LOADS

Title (de)

FALTBARE VORRICHTUNGEN ZUM TRANSPORTIEREN VON LASTEN

Title (fr)

DISPOSITIFS PLIABLES POUR TRANSPORTER DES CHARGES

Publication

EP 4054916 A1 20220914 (DE)

Application

EP 20800852 A 20201030

Priority

- CH 13932019 A 20191104
- EP 2020080560 W 20201030

Abstract (en)

[origin: WO2021089435A1] The invention relates to a foldable device (3000) for transporting loads, the foldable device comprising: a first platform (3200); a running gear (3100), the running gear comprising a plurality of arms (3110) and a plurality of wheels (3130), each of the plurality of arms being rotatably coupled to the first platform and at least one of the plurality of wheels; and a device for aligning the plurality of arms and the plurality of wheels, which is configured to rotate each of the plurality of arms and each of the plurality of wheels by a rotary angle between at least one open and one folded state, wherein the plurality of arms and the plurality of wheels are arranged under the first platform when in the folded state.

IPC 8 full level

B62B 3/02 (2006.01)

CPC (source: CH EP US)

B62B 3/02 (2013.01 - CH); **B62B 3/022** (2013.01 - EP US); **B62B 7/083** (2013.01 - CH US); **B62D 63/061** (2013.01 - CH); **B62B 2205/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2021089435A1

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)

WO 2021089435 A1 20210514; CH 716767 A2 20210514; EP 4054916 A1 20220914; JP 2023501212 A 20230118; US 2022410953 A1 20221229

DOCDB simple family (application)

EP 2020080560 W 20201030; CH 13932019 A 20191104; EP 20800852 A 20201030; JP 2022525256 A 20201030; US 202017773910 A 20201030