

Title (en)

LIFTING DEVICE AND TRANSPORT VEHICLE

Title (de)

HUBVORRICHTUNG UND TRANSPORTFAHRZEUG

Title (fr)

DISPOSITIF DE LEVAGE ET VÉHICULE DE TRANSPORT

Publication

**EP 4298048 A1 20240103 (DE)**

Application

**EP 22702954 A 20220131**

Priority

- DE 102021001050 A 20210226
- EP 2022052244 W 20220131

Abstract (en)

[origin: WO2022179804A1] The invention relates to a lifting device (10), in particular for a transport vehicle, comprising a fixed spindle (4), an inner spindle nut (5) which is rotatable relative to the fixed spindle (4), a movable spindle (6) and an outer spindle nut (7) which is rotatable relative to the movable spindle (6), the inner spindle nut (5) being connected to the movable spindle (6) in a rotationally fixed, in particular rigid, manner. The invention also relates to a transport vehicle, in particular a driverless transport vehicle, comprising a drive device, an electrical energy store for supplying the drive device, a control device for controlling the drive device and a lifting device (10) according to the invention.

IPC 8 full level

**B66F 3/10** (2006.01); **B66F 9/06** (2006.01)

CPC (source: EP)

**B66F 3/10** (2013.01); **B66F 9/063** (2013.01)

Citation (search report)

See references of WO 2022179804A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102022000378 A1 20220901**; EP 4298048 A1 20240103; WO 2022179804 A1 20220901

DOCDB simple family (application)

**DE 102022000378 A 20220131**; EP 2022052244 W 20220131; EP 22702954 A 20220131