

Title (en)

AN INDUSTRIAL TRUCK AND LIFTING DEVICE FOR AN INDUSTRIALTRUCK

Title (de)

HUBVORRICHTUNG FÜR EIN FLURFÖRDERZEUG SOWIE EIN SOLCHES FLURFÖRDERZEUG

Title (fr)

DISPOSITIF DE LEVAGE POUR UN CHARIOT DE MANUTENTION AINSI QU'UN TEL CHARIOT DE MANUTENTION

Publication

**EP 3336051 B1 20230823 (DE)**

Application

**EP 17207700 A 20171215**

Priority

DE 102016124504 A 20161215

Abstract (en)

[origin: US2018170732A1] A lifting device for an industrial truck comprises a lift frame with a moveably guided load carrier and at least one moveably guided mast stage. A free lift cylinder is configured to actuate the load carrier and at least one mast lift cylinder is configured to actuate the at least one mast stage. A hydraulic assembly supplies the free lift cylinder and the at least one mast lift cylinder with hydraulic fluid and further comprises at least one delivery valve and at least one recirculating valve.

IPC 8 full level

**B66F 9/22** (2006.01)

CPC (source: EP US)

**B66F 9/205** (2013.01 - US); **B66F 9/22** (2013.01 - EP US); **F15B 2211/4053** (2013.01 - US); **F15B 2211/71** (2013.01 - US)

Citation (examination)

- EP 1600420 A1 20051130 - RAYMOND CORP [US]
- EP 2465812 A1 20120620 - BT PRODUCTS AB [SE]

Cited by

EP3597588A1; EP3459904A1; EP3459904B1

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)

**EP 3336051 A1 20180620; EP 3336051 B1 20230823**; DE 102016124504 A1 20180621; US 10941027 B2 20210309; US 2018170732 A1 20180621

DOCDB simple family (application)

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