

Title (en)

INDUSTRIAL TRUCK COMPRISING A ROTARY STEERING DRIVE

Title (de)

FLURFÖRDERZEUG MIT ROTATIONS-LENKANTRIEB

Title (fr)

CHARIOT DE MANUTENTION COMPRENANT UN ENTRAÎNEMENT DE DIRECTION ROTATIF

Publication

**EP 4237366 A1 20230906 (DE)**

Application

**EP 21787392 A 20211005**

Priority

- DE 102020128489 A 20201029
- EP 2021077430 W 20211005

Abstract (en)

[origin: WO2022089891A1] The invention relates to an industrial truck (100) having at least two wheels (1, 1', 1'', 1''', 1''') which are steerable independently of one another, wherein each of the steerable wheels (1, 1', 1'', 1''', 1''') is connected to a rotary steering motor (4) of a steering drive unit (3) via a steering shaft (2), and wherein a steering angle control (5) is provided for controlling the rotary steering motor (4), said steering angle control comprising a rotational angle detection device (6) for detecting a current rotational angle position of the steering shaft (2). The rotational angle detection device (6) is designed as a part of the steering drive unit (3).

IPC 8 full level

**B66F 9/075** (2006.01); **B66F 9/24** (2006.01)

CPC (source: EP US)

**B66F 9/07568** (2013.01 - EP US); **B66F 9/22** (2013.01 - US); **B66F 9/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2022089891A1

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)

**WO 2022089891 A1 20220505**; AU 2021370748 A1 20230615; CA 3200273 A1 20220505; DE 102020128489 A1 20220505;  
EP 4237366 A1 20230906; JP 2023547472 A 20231110; US 2023303371 A1 20230928

DOCDB simple family (application)

**EP 2021077430 W 20211005**; AU 2021370748 A 20211005; CA 3200273 A 20211005; DE 102020128489 A 20201029;  
EP 21787392 A 20211005; JP 2023526280 A 20211005; US 202118034065 A 20211005