

Title (en)

STORAGE AREA FOR CONTAINERS AND METHOD FOR OPERATING A TRANSPORT VEHICLE IN A STORAGE AREA OF THIS TYPE

Title (de)

LAGER FÜR CONTAINER UND VERFAHREN ZUM BETRIEB EINES TRANSPORTFAHRZEUGS IN EINEM DERARTIGEN LAGER

Title (fr)

INSTALLATION DE STOCKAGE POUR CONTENEURS ET PROCÉDÉ POUR FAIRE FONCTIONNER UN VÉHICULE DE TRANSPORT DANS UNE INSTALLATION DE STOCKAGE DE CE TYPE

Publication

**EP 3595995 A1 20200122 (DE)**

Application

**EP 18712844 A 20180315**

Priority

- DE 102017105561 A 20170315
- EP 2018056579 W 20180315

Abstract (en)

[origin: WO2018167227A1] The invention relates to a storage area (6) for containers (2), comprising at least one storage region (6a) and a gantry crane (8), wherein the storage region (6a) is arranged between two travel paths for the gantry crane, such that the gantry crane can be moved over the storage region on the travel paths, and wherein a transfer region (10, 11) is arranged between the travel paths at an end of the storage region (6a) pointing in the travel direction of the gantry crane, which can be reached by the gantry crane (8) and by a transport vehicle (7, 13) for containers (2), in order to transfer containers (2) into the storage area (6) and out of the storage area (6). In order to improve a storage area (6) of this type, according to the invention, an intermediate region (29) is provided between the transfer region and the storage region; the transfer region and the intermediate region (29) are designed and arranged in such a way that a passage through the transfer region and travel in the intermediate region (29) is possible for a transport vehicle (7, 13), and the travel in the intermediate region is possible before or after the passage through the transfer region.

IPC 8 full level

**B65G 63/00** (2006.01)

CPC (source: EP KR US)

**B60P 1/6418** (2013.01 - KR); **B65G 63/004** (2013.01 - EP KR US); **B65G 65/005** (2013.01 - US); **B66C 19/007** (2013.01 - KR); **B65G 2201/0235** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2018167227A1

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 2018167227 A1 20180920**; AU 2018235060 A1 20191010; CN 110446674 A 20191112; CN 110446674 B 20210720; DE 102017105561 A1 20180920; EP 3595995 A1 20200122; KR 20190126123 A 20191108; SG 11201908250X A 20191030; US 2020102162 A1 20200402

DOCDB simple family (application)

**EP 2018056579 W 20180315**; AU 2018235060 A 20180315; CN 201880018163 A 20180315; DE 102017105561 A 20170315; EP 18712844 A 20180315; KR 20197029559 A 20180315; SG 11201908250X A 20180315; US 201816493601 A 20180315