

Title (en)

MOBILE RACK ARRANGEMENT AND METHOD FOR OPERATING THE MOBILE RACK ARRANGEMENT

Title (de)

VERSCHIEBEREGALANORDNUNG UND VERFAHREN ZUM BETREIBEN DER VERSCHIEBEREGALANORDNUNG

Title (fr)

AGENCEMENT DE RÂTELIERS MOBILES ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

Publication

**EP 4051607 A1 20220907 (DE)**

Application

**EP 20800575 A 20201026**

Priority

- DE 102019134776 A 20191217
- EP 2020080014 W 20201026

Abstract (en)

[origin: WO2021121740A1] A mobile rack arrangement (18) is disclosed, having a plurality of racks (20) that are arranged parallel to one another in a longitudinal direction (X), wherein each of the racks (20) is designed for putting stored goods (24) into and taking them out of storage in a transverse direction (Z), which is oriented perpendicularly to the longitudinal direction (X), via a rack aisle (22) which is formed by relative separation in the transverse direction (Z) of two racks (20) that are arranged directly adjacent to one another, wherein at least one of the adjacently arranged racks (20) is movable in the transverse direction (Z), and wherein at least one of the racks (20) has a buffer channel (26) which is oriented in the longitudinal direction (X) and is designed to receive a satellite vehicle (30), designed to transpose the stored goods (24) in the longitudinal direction (X), within the buffer channel (26) and to put the stored goods (24) into and take them out of storage via an end side (28) of the at least one rack (20) in the longitudinal direction (X).

IPC 8 full level

**B65G 1/10** (2006.01)

CPC (source: EP)

**B65G 1/10** (2013.01)

Citation (search report)

See references of WO 2021121740A1

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)

**DE 102019134776 B3 20210204**; EP 4051607 A1 20220907; WO 2021121740 A1 20210624

DOCDB simple family (application)

**DE 102019134776 A 20191217**; EP 2020080014 W 20201026; EP 20800575 A 20201026