

Title (en)

ASSEMBLY FOR ORDER-PICKING CONTAINERS

Title (de)

ANORDNUNG ZUM KOMMISSIONIEREN VON GEBINDEN

Title (fr)

SYSTÈME DE PRÉPARATION DE COMMANDES COMPRENANT DES CONTENANTS

Publication

EP 4277864 A1 20231122 (DE)

Application

EP 21721870 A 20210416

Priority

- DE 102021100412 A 20210112
- EP 2021059853 W 20210416

Abstract (en)

[origin: WO2022152407A1] The invention relates to an assembly for order-picking containers, at least some of which are different types of containers, and each of which are stored on source pallets and can be deposited individually on at least one target pallet on the basis of an order-picking plan, said assembly comprising a handling unit which is capable of individually picking up a container that is loosely stored in a stackable manner on one of the source pallets and of delivering the picked-up container at a destination on the at least one target pallet. The invention is characterised in that: a vertically extending, rigid, three-dimensional support frame is provided which openly spans an interior space; the handling unit, which is rotatably mounted about the vertical axis, is attached to the support frame so as to be longitudinally movable relative thereto, the handling unit forming a container gripper which, in a first position, is positioned so as to perform a rotation about the vertical axis and/or so as to move along the vertical axis, and which, in a second position, assumes a configuration projecting laterally out of the interior space in a vertical projection relative to the support frame in order to pick up or deliver at least one container; and the container gripper can be moved between the first and second positions.

IPC 8 full level

B65G 1/137 (2006.01); **B65G 57/00** (2006.01); **B65G 61/00** (2006.01)

CPC (source: EP)

B65G 1/1378 (2013.01); **B65G 57/005** (2013.01); **B65G 61/00** (2013.01)

Citation (search report)

See references of WO 2022152407A1

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 2022152407 A1 20220721; EP 4277864 A1 20231122

DOCDB simple family (application)

EP 2021059853 W 20210416; EP 21721870 A 20210416