

Title (en)

SYSTEM FOR GROUPING AND/OR DISTRIBUTING PIECE GOODS, AND METHOD FOR PERFORMING MANIPULATION TASKS IN THE REGION OF AN OPERATING SECTION WITH AT LEAST ONE HANDLING DEVICE

Title (de)

SYSTEM ZUM GRUPPIEREN UND/ODER VERTEILEN VON STUECKGUETERN SOWIE VERFAHREN ZUM VERRICHTEN VON MANIPULATIONSAUFGABEN IM BEREICH EINER ARBEITSSTRECKE MIT WENIGSTENS EINER HANDHABUNGSEINRICHTUNG

Title (fr)

SYSTÈME DE REGROUPEMENT ET/OU DE RÉPARTITION DE MARCHANDISES DE DÉTAIL AINSI QUE PROCÉDÉ POUR EFFECTUER DES TÂCHES DE MANIPULATION DANS LA RÉGION D'UNE VOIE DE TRAVAIL COMPRENANT AU MOINS UN DISPOSITIF DE MANIPULATION

Publication

EP 3374268 C0 20231220 (DE)

Application

EP 16790977 A 20161102

Priority

- DE 102015119320 A 20151110
- EP 2016076375 W 20161102

Abstract (en)

[origin: WO2017080881A1] The invention discloses a system (1) for grouping and/or distributing piece goods (5). The system (1) comprises an operating section (AS) comprising - an inlet (3) which has at least one horizontal conveying device (11) and by means of which a large number of piece goods (5) can be transported in mass flow, and - a manipulation region (22) which follows the inlet (3) and has at least one manipulator (10) for grouping piece goods (5). The system (1) additionally comprises at least one handling device (9) which can be moved at least in sections along the operating section (AS) and by means of which at least one handling device (9) a) the at least one manipulator (10) can be modified for different operating processes, and/or by means of which at least one handling device (9) b) guide elements which are provided for piece goods (5) and are arranged in the course of the operating section (AS) can be exchanged and/or the relative spacing of which can be adjusted, and/or by means of which at least one handling device (9) c) specific piece goods (5) which are located over the course of the operating section (AS) can be acted on, and/or by means of which at least one handling device (9) d) pack media can be provided for at least one manipulator (20) which is positioned in the manipulation region (22).

IPC 8 full level

B65B 21/24 (2006.01); **B65B 27/04** (2006.01); **B65B 35/30** (2006.01); **B65B 57/00** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP)

B65B 21/245 (2013.01); **B65B 27/04** (2013.01); **B65B 35/30** (2013.01); **B65B 57/00** (2013.01); **B65B 65/003** (2013.01)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

DE 102015119320 A1 20170511; CN 209008944 U 20190621; EP 3374268 A1 20180919; EP 3374268 B1 20231220; EP 3374268 C0 20231220; WO 2017080881 A1 20170518

DOCDB simple family (application)

DE 102015119320 A 20151110; CN 201690001153 U 20161102; EP 16790977 A 20161102; EP 2016076375 W 20161102