

Title (en)

METHOD AND SYSTEM FOR OPERATING A RACKING SYSTEM PREFERABLY IN A DISPATCH UNIT

Title (de)

VERFAHREN UND SYSTEM ZUM BEDIENEN EINES REGALS VORZUGSWEISE IN EINER KOMMISSIONIERANLAGE

Title (fr)

PROCEDE ET SYSTEME PERMETTANT DE DESSERVIR UN RAYONNAGE, DE PREFERENCE, DANS UNE INSTALLATION DE PREPARATION DES COMMANDES

Publication

EP 1409375 A1 20040421 (DE)

Application

EP 02754943 A 20020726

Priority

- DE 10136354 A 20010726
- EP 0208347 W 20020726

Abstract (en)

[origin: WO03010074A1] The invention relates to a method and a system for operating a racking system preferably in a dispatch unit (1), comprising a rack (2) with a rack serving device for storage and retrieval of containers (3), trays or similar into or out of the rack (2), whereby a region of the rack comprising several rack planes (13) arranged one above the other are served by a dedicated mechanically coupled height- and length-adjustable rack serving device (4). In each rack region embodied as an independent, closed rack unit (A, B, C), containers (3), trays or similar undergo interim storage in a buffer zone (P1, P2, P3) on the same level, are transferred for storage or retrieval and transported by means of an elevator (5; 6a, 6b) and/or a preferably horizontal transport connection (F1, F2) arranged in the region of the rack unit (A, B, C) at the same level, from or to a transport system or workplace outside the rack system.

IPC 1-7

B65G 1/137; B65G 1/04

IPC 8 full level

B65G 1/04 (2006.01); **B65G 1/137** (2006.01)

CPC (source: EP US)

B65G 1/0407 (2013.01 - EP US); **B65G 1/1378** (2013.01 - EP US)

Cited by

CN104773425A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

DE 20211321 U1 20030116; DE 10136354 A1 20030227; DE 10136354 B4 20100617; EP 1409375 A1 20040421; US 2004197171 A1 20041007; US 7261509 B2 20070828; WO 03010074 A1 20030206; WO 03011722 A1 20030213

DOCDB simple family (application)

DE 20211321 U 20020726; DE 10136354 A 20010726; EP 0204051 W 20020411; EP 0208347 W 20020726; EP 02754943 A 20020726; US 48097103 A 20031211