

Title (en)

Assembly of multiple handling devices connected with each other for items and method for operating such an assembly

Title (de)

Anordnung mehrerer miteinander verbundener Handhabungsvorrichtungen für Artikel sowie Verfahren zum Betrieb einer solchen Anordnung

Title (fr)

Agencement de plusieurs dispositifs de manipulation reliés ensemble pour des articles et procédé de fonctionnement d'un tel agencement

Publication

EP 2295325 A3 20140319 (DE)

Application

EP 10008508 A 20100814

Priority

DE 102009040976 A 20090911

Abstract (en)

[origin: EP2295325A2] The handling device arrangement has a conveying unit which consists of a free driven distance. The free driven distance is arranged linearly and is assigned directly to a grouping station (14) in a straight transport direction. The packaging station is coupled with the grouping station by the conveying unit. The conveying unit has a transport path which has one or multiple deflections. An independent claim is also included for a method for operating multiple coupled handling devices, particularly packaging station for articles.

IPC 8 full level

B65B 65/00 (2006.01)

CPC (source: EP)

B65B 11/10 (2013.01); **B65B 21/245** (2013.01); **B65B 53/063** (2013.01); **B65B 65/00** (2013.01)

Citation (search report)

- [Y] EP 2008952 A1 20081231 - KRONES AG [DE]
- [Y] EP 2001770 A1 20081217 - SPECIALTY CONVEYOR BV [NL]

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2295325 A2 20110316; **EP 2295325 A3 20140319**; **EP 2295325 B1 20160601**; CN 102020027 A 20110420; CN 102020027 B 20130911; DE 102009040976 A1 20110317; DE 102009040976 A8 20110714

DOCDB simple family (application)

EP 10008508 A 20100814; CN 201010282286 A 20100909; DE 102009040976 A 20090911