

Title (en)

Device and method for producing containers from at least two fluid containers

Title (de)

Vorrichtung und Verfahren zum Erstellen von Gebinden aus mindestens zwei Flüssigkeitsbehältern

Title (fr)

Dispositif et procédé de formation de gerbes à partir d'au moins deux récipients de liquide

Publication

EP 2202159 B1 20110615 (DE)

Application

EP 09177844 A 20091203

Priority

DE 102008063082 A 20081224

Abstract (en)

[origin: EP2202159A1] The apparatus has a station (10) receiving beverage containers (20) e.g. bottles, fed by a conveyor unit (152), where the conveyor unit includes a device for feeding a separate holding element (16). The holding element is positioned in the station into which the containers are guided. Two rigid guiding elements (50) are positioned in the station in a transport direction of the containers, so that the rigid guiding elements run towards each other and clamp the containers in the holding element. The device removes the holding element from depot and feeds the holding element to the conveyor unit. An independent claim is also included for a method for making packs of two beverage containers.

IPC 8 full level

B65B 17/02 (2006.01)

CPC (source: EP US)

B65B 17/025 (2013.01 - EP US); **B65B 21/06** (2013.01 - EP US)

Cited by

US2015107779A1; US9783331B2; WO2013174464A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2202159 A1 20100630; EP 2202159 B1 20110615; AT E512882 T1 20110715; CN 101758937 A 20100630; CN 101758937 B 20121031; DE 102008063082 A1 20100701; DE 202009018216 U1 20110609; US 2010154356 A1 20100624; US 8312695 B2 20121120

DOCDB simple family (application)

EP 09177844 A 20091203; AT 09177844 T 20091203; CN 200910252532 A 20091223; DE 102008063082 A 20081224; DE 202009018216 U 20091203; US 64167309 A 20091218