

Title (en)

Packaging module, machine and method for performing at least two operations on flexible containers

Title (de)

Verpackungsmodul, Maschine und Verfahren zur Durchführung von mindestens zwei Operationen auf flexiblen Behältern

Title (fr)

Module de conditionnement, machine et procédé pour réaliser au moins deux opérations sur des récipients souples

Publication

EP 2508434 B1 20150610 (EN)

Application

EP 11382096 A 20110404

Priority

EP 11382096 A 20110404

Abstract (en)

[origin: EP2508434A1] The present invention relates to a packaging module for performing at least two operations on containers arranged in a row, said operations being after the formation of said containers. The module comprises at least two rotating operational wheels of vertical shafts, at least one of which is motor-operated, provided with corresponding means for carrying out the respective operations on the containers and a chain which, linked with the operational wheels, describes a closed trajectory. The angle of contact of the chain with the operational wheels is greater than 180° and the chain is provided with holding means for the suspension of the containers throughout their entire path and which means are operated by the relative movement of the chain with respect to another preferably static component.

IPC 8 full level

B65B 43/46 (2006.01); **B65B 43/52** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP)

B65B 43/465 (2013.01); **B65B 43/52** (2013.01); **B65B 65/003** (2013.01)

Cited by

US9950871B2; EP2722282A1; US2014110222A1; CN103770976A

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

DOCDB simple family (publication)

EP 2508434 A1 20121010; **EP 2508434 B1 20150610**; CN 103619711 A 20140305; CN 103619711 B 20150819; ES 1093857 U 20131125; ES 1093857 Y 20140218; ES 2546133 T3 20150918; WO 2012136869 A1 20121011

DOCDB simple family (application)

EP 11382096 A 20110404; CN 201280024875 A 20120402; ES 11382096 T 20110404; ES 2012070220 W 20120402; ES 201390011 U 20120402