

Title (en)

Tray sealer and method for transporting trays

Title (de)

Schalenverschließmaschine und Verfahren zum Transportieren von Schalen

Title (fr)

Machine de verrouillage de coques et procédé destiné au transport de coques

Publication

EP 2634100 A1 20130904 (DE)

Application

EP 13000840 A 20130219

Priority

DE 102012004372 A 20120302

Abstract (en)

The tray sealing machine (1) comprises a sealing station (2) for sealing trays (3) with a cover film (4), and a conveyor system (14) for conveying the trays along a conveying path (13). The conveying system comprises multiple pushers (21), which are configured for carrying the tray and is moved along an endless pusher path (15). The pushers are movable independently of one another along the pusher path. Each pusher is movable along the pusher path with an individual speed profile. The pusher path has a conveying section (16) assigned to the conveying path and a return section (17). The pushers are movable on the return section at a higher speed than on the conveying section. An independent claim is included for a method for conveying trays by a conveyor system up to, into or from a tray sealing machine sealing the trays with a cover film.

Abstract (de)

Die Erfindung bezieht sich auf eine Schalenverschließmaschine (1) mit einer Siegelstation (2) zum Verschließen von Schalen (3) mit einer Deckelfolie (4), ferner mit einem Transportsystem (14) zum Transportieren der Schalen (3) entlang einer Transportstrecke (13) wobei das Transportsystem (14) mehrere Mitnehmer (21) aufweist, die jeweils zum Mitnehmen mindestens einer Schale (3) ausgebildet sind und entlang einer endlosen Mitnehmerbahn (15) bewegbar sind. Die Erfindung zeichnet sich dadurch aus, dass die Mitnehmer (21) unabhängig voneinander entlang der Mitnehmerbahn (15) bewegbar sind.

IPC 8 full level

B65B 7/16 (2006.01); **B65B 35/00** (2006.01); **B65B 43/52** (2006.01); **B65G 54/02** (2006.01)

CPC (source: EP US)

B65B 7/164 (2013.01 - EP US); **B65B 35/00** (2013.01 - US); **B65B 43/52** (2013.01 - EP US); **B65B 57/04** (2013.01 - US)

Citation (applicant)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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