

Title (en)
High-speed automatic bundling station.

Title (de)
Automatische Hochgeschwindigkeitsbindevorrichtung.

Title (fr)
Poste de cerclage automatique à haute cadence.

Publication
EP 0172127 A1 19860219 (FR)

Application
EP 85440051 A 19850725

Priority
FR 8412114 A 19840727

Abstract (en)
[origin: ES8608430A1] An automatic high speed hooping station for horizontal hooping of diverse packages contains a barrier device to effect entry of packages, one by one, along their direction of travel, followed by a conveyance assembly. The conveyance assembly includes a rolling double transfer belt, followed in turn by a take-up table provided with an optical detector at its extremity. Along the conveyance assembly there moves reciprocally a push- and loading device for being introduced into an upward travel and holding assembly formed by an ascending platform, a holder trapdoor in a hooping position in an arc of a hooping device, and an upper package discharge device operating by lateral disengagement from a pile of the packages onto an exit ramp. The discharge device includes a push arm articulatably mounted around a point actuated by a cam. The assembly may be moved in translation under the surveillance of a detector.

Abstract (fr)
Poste caractérisé en ce qu'il comprend, dans le sens du trajet des emballages (3) un dispositif d'embarrage (8), un ensemble d'amenée (12) à brase de poussée alternatif (16) pour le chargement sur le plateau (22) d'un ensemble de montée et de maintien (23) formé d'une trappe de maintien (24) au niveau de l'arche (25) de la cerceuse (26) et d'un dispositif d'évacuation (27) de l'emballage supérieur par dégagement latéral de l'empilement sur une rampe de sortie (28).

IPC 1-7
B65B 13/02

IPC 8 full level
B65B 13/02 (2006.01); **B65B 13/06** (2006.01)

CPC (source: EP US)
B65B 13/02 (2013.01 - EP US)

Citation (search report)
[A] FR 1485252 A 19670616 - AMBERGER FLASCHENHUETTEN A G

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 85440051 A 19850725; ES 545603 A 19850726; FR 8412114 A 19840727; JP 16561885 A 19850726; PT 8086385 A 19850725; US 75907585 A 19850725