

Title (en)

Device for magazine, for separating folding-boxes from a magazine duct and transferring them in a folding box transport system

Title (de)

Magazinvorrichtung für die Entnahme von Faltschachteln aus einem Magazinschacht und die Überführung in ein Faltschachteltransportsystem

Title (fr)

Dispositif de magasin, pour séparer des boîtes pliantes d'un conduit de magasin et les transférer dans un système de transport de boîtes pliantes

Publication

EP 1172316 B1 20040818 (DE)

Application

EP 01106735 A 20010317

Priority

DE 10034140 A 20000713

Abstract (en)

[origin: EP1172316A2] The machine for feeding folded cartons from a magazine to a transporter in a packing machine comprises a gripper with suction cups (3) which removes the front carton and pivots to transfer it to the transporter. The pivot is connected to a bent lever (11) which carries rollers (14, 15) at the ends of its arm. Each of these moves in a curved slot (16, 17) to control the movement of the gripper.

IPC 1-7

B65H 3/08; **B65H 3/38**

IPC 8 full level

B31B 5/78 (2006.01); **B65H 3/08** (2006.01); **B65H 3/38** (2006.01); **B31B 100/00** (2017.01); **B31B 120/30** (2017.01)

CPC (source: EP US)

B65H 3/0808 (2013.01 - EP US); **B31B 50/78** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2403/513** (2013.01 - EP US); **B65H 2406/342** (2013.01 - EP US); **B65H 2511/10** (2013.01 - EP US); **B65H 2701/1766** (2013.01 - EP US)

Cited by

CN108404442A; CN104494930A; CN106276312A; CN102795488A

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EP 1172316 A2 20020116; **EP 1172316 A3 20030416**; **EP 1172316 B1 20040818**; AT E273904 T1 20040915; DE 10034140 A1 20020124; DE 10034140 C2 20030102; DE 50103290 D1 20040923; DK 1172316 T3 20041129; ES 2222287 T3 20050201; US 2002028737 A1 20020307; US 6474635 B2 20021105

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