

Title (en)

Device for separating carton blanks

Title (de)

Vorrichtung zum Vereinzeln von Schachtelzuschnitten

Title (fr)

Dispositif destiné à la séparation de pièces découpées de cartonnages

Publication

EP 1829805 A3 20070919 (DE)

Application

EP 07000298 A 20070109

Priority

DE 102006005676 A 20060130

Abstract (en)

[origin: EP1829805A2] A device for separating carton cut sections (14) has several first bands/belts (20) for supplying the stack (12) to a locking device (18), which is arranged above the transport plane (40) of the first band/belt (20). A free space is present between the transport plane and the bottom edge of the locking device (18) and allows entry of a carton cut section (14). The first belt (20) can be driven directly by a controlled drive, so that a carton cut section can be transported from the stack (12).

IPC 8 full level

B31B 50/04 (2017.01); **B31B 50/06** (2017.01); **B65H 3/04** (2006.01); **B65H 3/12** (2006.01); **B65H 3/34** (2006.01); **B65H 3/52** (2006.01)

CPC (source: EP)

B65H 3/042 (2013.01); **B65H 3/126** (2013.01); **B65H 3/34** (2013.01); **B65H 3/523** (2013.01); **B31B 50/042** (2017.07); **B31B 50/064** (2017.07); **B31B 50/066** (2017.07); **B65H 2301/42322** (2013.01)

Citation (search report)

- [X] EP 0925909 A2 19990630 - TANABE MACHINERY [JP]
- [X] US 4363478 A 19821214 - TSUKASAKI YASUHIRO
- [X] US 3988017 A 19761026 - KYHL HENRY C

Cited by

CN111542480A; EP3190072A1; US11014770B2; US10202247B2; WO2019110237A1; WO2015150605A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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