

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 B1 20121226 (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)

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

DOCDB simple family (publication)
EP 1829805 A2 20070905; EP 1829805 A3 20070919; EP 1829805 B1 20121226; DE 102006005676 A1 20070809

DOCDB simple family (application)
EP 07000298 A 20070109; DE 102006005676 A 20060130