

Title (en)
Flexible device for forming carton blanks

Title (de)
Flexible Anlage zum Aufrichten von Kartonzuschnitten

Title (fr)
Appareil flexible pour former des découpes en carton

Publication
EP 0856396 B1 20030806 (DE)

Application
EP 97100996 A 19970123

Priority
EP 97100996 A 19970123

Abstract (en)
[origin: EP0856396A1] At least one vertical magazine-shaft (1) contains a stack (2) of cardboard sections (3) which are pulled consecutively and singly by a discharge arrangement (4) and conveyed to a conveyor (5) and aligner (6). The conveyor comprises a continuous conveyor (8) with parallel, spaced apart pull-elements (9) guided in the upper stringer by suction-boxes (10). The magazine shaft above the conveyor has edging contact surfaces for the stack at its bottom open end. The discharge arrangement below the conveyor has a vacuum suction arrangement moving up and down in the shaft's longitudinal axis.

IPC 1-7
B31B 3/46; B31B 1/06

IPC 8 full level
B31B 3/46 (2006.01)

CPC (source: EP US)
B31B 50/00 (2017.07 - EP US); **B31B 50/062** (2017.07 - EP US); **B31B 50/06** (2017.07 - EP US); **B31B 50/46** (2017.07 - EP US)

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Designated contracting state (EPC)
AT BE CH DE DK FR GB IT LI NL SE

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EP 0856396 A1 19980805; **EP 0856396 B1 20030806**; AT E246594 T1 20030815; CA 2211056 A1 19980723; DE 59710539 D1 20030911; US 5924968 A 19990720

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