

Title (en)
Box folding machine

Title (de)
Kartonfaltmaschine

Title (fr)
Appareil pour plier des bôîtes

Publication
EP 0844069 A3 19991020 (DE)

Application
EP 97115969 A 19970913

Priority
DE 19648521 A 19961123

Abstract (en)
[origin: EP0844069A2] The machine has guide rails (6) which act as stops for folded cut-out sections (1). These sections are placed against rails (7) parallel with the direction of travel. The rails are moved to in front of a shaping-duct (2) and placed at right angles to the conveyor plane and into which an aligning piston (3) is inserted from the side of the cut-out piece facing the opening in the shaping-duct. The rails are moved at right angles to the direction of travel on the conveyor plane. The rails, before insertion of the piston into the shaping duct, are moved from the duct's extension, and, after the piston's withdrawal, are moved back into it.

IPC 1-7
B31B 3/44; B31B 1/04

IPC 8 full level
B31B 1/04 (2006.01); **B31B 3/44** (2006.01); **B31B 50/00** (2017.01); **B31B 50/04** (2017.01); **B65H 5/02** (2006.01)

CPC (source: EP US)
B31B 50/00 (2017.07 - EP); **B31B 50/042** (2017.07 - EP US); **B31B 50/44** (2017.07 - EP)

Citation (search report)

- [A] DE 3045046 A1 19820701 - BENZ & HILGERS GMBH [DE]
- [A] FR 2440272 A1 19800530 - SIPEF SPA, et al

Cited by
CN103189195A; AU2011268897B2; EA023225B1; WO2011161287A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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