

Title (en)

Machine for assembling cardboard boxes.

Title (de)

Maschine für das Zusammensetzen von Pappschachteln.

Title (fr)

Machine à assembler de boîtes en carton.

Publication

EP 0655325 A3 19960424 (FR)

Application

EP 94830522 A 19941031

Priority

IT PT930018 A 19931105

Abstract (en)

[origin: EP0655325A2] Quadrangular sewing machine for making hollow manufactured cardboard products, especially boxes, from a cardboard sheet, comprising means for supplying the machine with the said sheet (1), a form (7) supported by a corresponding form-holder rod, four angular operating heads (10) with corresponding centripetal horizontal drive means for pressing and cutting a strip (12) heat-welding at high temperature, means for driving the said form (7), means for adjusting the said supply means in relation to the format of the sheet supplied by them, a central programmable microprocessor unit for controlling the aforesaid drive means, supply means and adjustment means, of which the said means for supplying the machine with the sheets (1) comprise a horizontal panel (2) slaved to a vertical movement and a carriage (6) with a telescopic structure, of which the said drive means comprise a producing cylinder (11) for each head (10) to be moved and of which the said format-change adjustment means comprise several electric motors (16, 17) slaved to the said central unit. <IMAGE>

IPC 1-7

B31B 3/26

IPC 8 full level

B31B 1/74 (2006.01); **B31B 3/72** (2006.01)

CPC (source: EP US)

B31B 50/00 (2017.08 - EP); **B31B 50/006** (2017.08 - EP US); **B31B 50/724** (2017.08 - EP)

Citation (search report)

- [A] US 3041943 A 19620703 - GEORGE TURNER ARTHUR
- [A] WO 9010535 A1 19900920 - KLIKLOK CORP [US]
- [A] DE 370420 C 19230315 - SAECHSISCHE CARTONNAGEN MASCH

Cited by

WO2012143853A1; ITFI20110081A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0655325 A2 19950531; EP 0655325 A3 19960424; EP 0655325 B1 19971001; DE 69405964 D1 19971106; DE 69405964 T2 19980326; ES 2110208 T3 19980201; IT 1265590 B1 19961122; IT PT930018 A0 19931105; IT PT930018 A1 19950505

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