

Title (en)

METHOD AND DEVICE FOR CLOSING BOXES

Publication

**EP 0113899 A3 19851009 (DE)**

Application

**EP 83112740 A 19831217**

Priority

DE 3301237 A 19830115

Abstract (en)

[origin: US4570421A] For filling and closing cartons, the latter are filled via the open bottom and then conveyed along an angular transport track. Fixed folding means for folding inner tabs (15 to 18) and outer tabs (19 to 22) solely as a result of the relative movement of the carton are located in the region of two conveying stages (42, 62). In the region of the second conveying stage (62), the carton has a relative position which has turned through 180 DEG .

IPC 1-7

**B65B 7/20**

IPC 8 full level

**B65B 7/20** (2006.01)

CPC (source: EP US)

**B65B 7/20** (2013.01 - EP US)

Citation (search report)

- [Y] DE 2209370 A1 19730913 - FOCKE PFUHL VERPACK AUTOMAT
- [Y] GB 901471 A 19620718 - BUREN MACHINE CORP VAN
- [A] US 3605377 A 19710920 - SABEL HERBERT J
- [A] DE 1117473 B 19611116 - HESSER AG MASCHF

Designated contracting state (EPC)

DE GB IT NL SE

DOCDB simple family (publication)

**EP 0113899 A2 19840725; EP 0113899 A3 19851009; EP 0113899 B1 19880309;** BR 8400150 A 19840821; CA 1229010 A 19871110; DE 3301237 A1 19840809; DE 3375897 D1 19880414; JP S59142904 A 19840816; US 4570421 A 19860218

DOCDB simple family (application)

**EP 83112740 A 19831217;** BR 8400150 A 19840113; CA 444908 A 19840109; DE 3301237 A 19830115; DE 3375897 T 19831217; JP 370084 A 19840113; US 56392083 A 19831221