

Title (en)

DEVICE AND METHOD FOR FORMING A BOX FROM A BLANK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER SCHACHTEL AUS EINERM ZUSCHNITT

Title (fr)

DISPOSITIF ET PROCEDE POUR LA REALISATION D'UNE CAISSE A PARTIR D'UN FLAN

Publication

**EP 0773867 A1 19970521 (FR)**

Application

**EP 95927749 A 19950802**

Priority

- FR 9501044 W 19950802
- FR 9409773 A 19940805

Abstract (en)

[origin: WO9604129A1] Method and device (1) for forming a box (2) from a blank (3) of sheet material including means (8, 9, 10, 12, 13) for storing several blanks in a stack, means (14, 15, 21) for gripping and shifting the blanks one by one to a blank-prefolding mandrel (16). The prefolding mandrel (16) disposed at the outlet of the blank storage means (10) is associated with the prefolding means (33). The invention also comprises means (23, 25) for conveying the prefolded blank from the prefolding mandrel to a final folding mandrel (24), and blank coating means (42), the final folding mandrel (24) comprising a lower side. The device includes means (38) for compressing the intermediate blank flap onto the lower side (65) of the final folding mandrel.

IPC 1-7

**B31B 3/28**

IPC 8 full level

**B31B 3/28** (2006.01); **B31B 50/06** (2017.01); **B31B 50/28** (2017.01)

CPC (source: EP US)

**B31B 50/00** (2017.07 - EP); **B31B 50/28** (2017.07 - EP US)

Citation (search report)

See references of WO 9604129A1

Cited by

CN104828631A

Designated contracting state (EPC)

BE CH DE ES GB IT LI NL

DOCDB simple family (publication)

**DE 29512459 U1 19951019**; AU 3167995 A 19960304; CA 2196699 A1 19960215; DE 69510455 D1 19990729; DE 69510455 T2 19991209; EP 0773867 A1 19970521; EP 0773867 B1 19990623; FR 2723338 A1 19960209; FR 2723338 B1 19961004; JP H10503722 A 19980407; WO 9604129 A1 19960215

DOCDB simple family (application)

**DE 29512459 U 19950802**; AU 3167995 A 19950802; CA 2196699 A 19950802; DE 69510455 T 19950802; EP 95927749 A 19950802; FR 9409773 A 19940805; FR 9501044 W 19950802; JP 50626896 A 19950802