

Title (en)

METHOD AND APPARATUS FOR SHAPING CARDBOARD PACKAGING TRAYS, AND TRAY SO PRODUCED

Publication

**EP 0109875 B1 19870708 (FR)**

Application

**EP 83402063 A 19831024**

Priority

FR 8217912 A 19821026

Abstract (en)

[origin: EP0109875A1] 1. Packing tray of corrugated cardboard, of the type comprising a base 12, two longitudinal walls 14, two transversal walls 16 higher than the transversal walls and each terminating at its ends in two angular returns 18, two horizontal entablatures 20 advancing parallel to the base from horizontal upper edges of the transversal walls, and two independent reinforcement sheets 24 applied against the transversal walls and designed to increase the resistance to "bundling" of the ends of the tray or the heads 28 which are defined between the base and the entablatures, the said tray being characterized by the fact that the reinforcement sheets 24 are held in position by reason of the fact that their horizontal edges fit into grooves 34 approximately equal in thickness to the reinforcement sheets and formed by compressing the cardboard along folding lines by which the lateral walls 14, 16, are articulated to the base and to the entablatures, the said reinforcement sheets having for this purpose a height 1 substantially equal to the internal height, h, of the transversal walls 16 puls the sum of the depths of the two grooves 34 into which each of them is fitted.

IPC 1-7

**B65D 5/00**; **B31B 7/44**; **B65D 5/44**

IPC 8 full level

**B31B 3/46** (2006.01); **B31B 7/44** (2006.01); **B65D 5/00** (2006.01); **B65D 5/44** (2006.01)

CPC (source: EP US)

**B31B 50/46** (2017.07 - EP US); **B65D 5/003** (2013.01 - EP); **B65D 5/0075** (2013.01 - EP); **B65D 5/441** (2013.01 - EP)

Cited by

AU587325B2; FR2609965A1; FR2711944A1; FR2635082A1; GB2226546A; GB2226546B

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

**FR 2534878 A1 19840427**; **FR 2534878 B1 19850308**; AT E28163 T1 19870715; DE 109875 T1 19841108; DE 3372353 D1 19870813; EP 0109875 A1 19840530; EP 0109875 B1 19870708; ES 526747 A0 19841201; ES 8501701 A1 19841201; PT 77552 A 19831101; PT 77552 B 19860312

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