

Title (en)

METHOD AND MACHINE FOR PRODUCING CROSS-BRACING INSERTS DESIGNED FOR DIVIDING BOXES INTO SECTIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER FACHTEILUNG FÜR BEHÄLTER

Title (fr)

PROCEDE ET MACHINE POUR LA REALISATION DE CROISILLONS DESTINES AU COMPARTIMENTAGE DE BOITES

Publication

**EP 1305158 B1 20041020 (FR)**

Application

**EP 01956604 A 20010718**

Priority

- FR 0102339 W 20010718
- FR 0010129 A 20000801

Abstract (en)

[origin: WO0209932A1] The invention concerns a method and a machine for automatic production of inserts made of undulated board sheet, for dividing boxes into sections. The method consists in: forming two opposite stacks of blanks, namely one first stack consisting of first blanks (1) designed to form by folding a first part of cross-bracing insert or a first cross-bracing insert, and a second stack of blanks (2) designed to form a second part of cross-bracing insert or a second cross-bracing insert; gripping on one side the first blank (1), and on the other side the second blank (2); simultaneously moving by a pivoting motion the first blank (1) and the second blank (2) so as to bring them in contact with each other by the edge in a common horizontal plane, then in simultaneously folding down on either side of the central panel, the two sets of flaps to form two half-cross-bracing inserts or two cross-bracing inserts

IPC 1-7

**B31B 11/00**

IPC 8 full level

**B65D 5/495** (2006.01); **B31B 11/00** (2006.01); **B31D 3/04** (2006.01)

CPC (source: EP US)

**B31D 5/0017** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 0209932 A1 20020207**; AU 2001278536 B2 20060803; AU 7853601 A 20020213; DE 60106620 D1 20041125; DE 60106620 T2 20051103; EP 1305158 A1 20030502; EP 1305158 B1 20041020; ES 2231530 T3 20050516; FR 2812584 A1 20020208; FR 2812584 B1 20021115; JP 2004504960 A 20040219; JP 4948738 B2 20120606; US 2003186797 A1 20031002

DOCDB simple family (application)

**FR 0102339 W 20010718**; AU 2001278536 A 20010718; AU 7853601 A 20010718; DE 60106620 T 20010718; EP 01956604 A 20010718; ES 01956604 T 20010718; FR 0010129 A 20000801; JP 2002516085 A 20010718; US 34373003 A 20030130