Title (en)
   Method and Machine for making a box

Title (de)
   Verfahren und Vorrichtung zur Herstellung einer Schachtel

Title (fr)
   Procédé et dispositif de fabrication d'une boîte

Publication
   EP 2000294 A2 20081210 (EN)

Application
   EP 08157344 A 20080530

Priority
   IT BO20070395 A 20070601

Abstract (en)
   A box (1) is made according to the method, including a box body (1a) defined by a bottom wall (2), several side wall (3, 4), and several angles
   (4a) delimited by adjacent side walls; and angular elements (5) arranged at an angle (4a). The method includes a step of folding a flat blank (16)
   displaying a central panel (2') which defines the bottom wall (2), at least one first side panel (4') which includes an appendix (6), and two second
   side panels (3'); in the step of folding, the side panels are folded to define the side walls; the appendix is folded to define a corner of a angle of
   the box body and to overlap a second panel; and a step of fastening in which the angular element is fixed to the box body. The main feature of the
   method consists in that it includes a step of affixing in which the angular element is arranged on the flat blank; the step of affixing being essentially
   prior to the step of folding.

IPC 8 full level
   B31B 50/81 (2017.01); **B65D 5/20** (2006.01); **B65D 5/28** (2006.01); **B65D 5/44** (2006.01); B31B 105/00 (2017.01); B31B 120/40 (2017.01)

CPC (source: EP US)
   B65D 5/2028 (2013.01 - EP); **B65D 5/28** (2013.01 - EP); **B65D 5/445** (2013.01 - EP US); B31B 2105/00 (2017.07 - EP);
   B31B 2105/0024 (2017.07 - EP US); B31B 2110/00 (2017.07 - EP); B31B 2120/40 (2017.07 - EP US)

Cited by
   WO2011095878A1; ITUD20100019A1; CN111498241A; GB2595293A; US10745169B2; WO2021233978A1

Designated contracting state (EPC)
   AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
   AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
   EP 08157344 A 20080530; ES 08157344 T 20080530; IT BO20070395 A 20070601