

Title (en)
Manufacturing of a packaging box

Title (de)
Herstellung einer Verpackungsschachtel

Title (fr)
Fabrication d'une boîte d'emballage

Publication
EP 2540488 A1 20130102 (EN)

Application
EP 11171697 A 20110628

Priority
EP 11171697 A 20110628

Abstract (en)
The invention relates to an apparatus and a method for manufacturing of a folded product, e.g. a packaging box. The apparatus (1) comprises a feeding portion (2) and a folding portion (3). The feeding portion (2) is adapted to receive a carton blank (Y) for making of the folded product (X) and being provided with a feeder (4) for feeding the blank (Y) to the folding portion (3). The folding portion (3) comprises a first kind of folder (5) for folding the blank (Y). The apparatus (1) is further provided with indicators (6) for aligning and positioning the blank (Y) when it is fed to the folding portion (3) such that the blank (Y) is stopped and placed at a desired location. The apparatus (1) is arranged to activate the first kind of folder (5) and folding the blank (Y) while it is located at standstill in the folding portion (3). The apparatus is also provided with at least one glue applicator (7). The apparatus further comprises an insert feeder (8) connected to the folding portion (3) which is adapted to place at least one insert (Z) on the blank (Y). The first kind of folder is adapted to perform a folding operation such that the starting material (Y) will at least partly wraparound the insert (Z). The glue applicator (7) is adapted to add glue to a surface of the insert (Z) and/or a surface of said blank (Y) which will make contact during the folding operation.

IPC 8 full level
B31D 5/00 (2006.01); **B65D 81/127** (2006.01)

CPC (source: EP US)
B31B 50/52 (2017.07 - EP US); **B65D 81/1275** (2013.01 - EP); **B31B 2100/00** (2017.07 - EP); **B31B 2100/0024** (2017.07 - EP);
B31B 2110/35 (2017.07 - EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2540488 A1 20130102; WO 2013000857 A1 20130103

DOCDB simple family (application)
EP 11171697 A 20110628; EP 2012062210 W 20120625