

Title (en)

Machine for inserting reinforcing panels within corresponding cardboard boxes

Title (de)

Vorrichtung zum Einsetzen von verstärkenden Paneelen in zugehörige Kartons

Title (fr)

Machine destinée à insérer des panneaux de renfort dans les boîtes en carton correspondantes

Publication

**EP 2127861 A1 20091202 (EN)**

Application

**EP 08425385 A 20080528**

Priority

EP 08425385 A 20080528

Abstract (en)

A cardboard box (3) is picked from a first initial, flattened configuration thereof, in which the box (3) is arranged according to two reciprocally overlapping layers (11, 12), by means of a gripping and expanding device (17) adapted to reciprocally displace the two layers (11, 12) to confer to the box (3) a final expanded configuration, in which an inserting device (34) displaces a reinforcing panel (2) within the box (3) and in contact with a wall (6) of the box (3) for allowing a fastening portion of the reinforcing panel (2) to couple with the wall (6) itself.

IPC 8 full level

**B31B 1/90** (2006.01); **B31B 5/80** (2006.01); **B31B 7/00** (2006.01); **B65D 5/44** (2006.01); **B65D 5/54** (2006.01)

CPC (source: EP)

**B65D 5/445** (2013.01); **B65D 5/54** (2013.01); **B31B 50/802** (2017.07); **B31B 50/8124** (2017.07); **B31B 2100/00** (2017.07); **B31B 2105/00** (2017.07); **B31B 2120/30** (2017.07); **B31B 2120/406** (2017.07)

Citation (search report)

[A] WO 2007057677 A1 20070524 - STEPHENSON JOHN [GB]

Cited by

CN105082620A; CN107776993A; US2014182760A1; US9493681B2; WO2013000503A1

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)

**EP 2127861 A1 20091202**

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