

Title (en)

Method and apparatus for constructing a carton

Title (de)

Verfahren und Vorrichtung zur Konstruktion eines Kartons

Title (fr)

Procédé et appareil pour la construction d'une boîte en carton

Publication

**EP 2085314 A3 20090909 (EN)**

Application

**EP 09151823 A 20090130**

Priority

GB 0801890 A 20080201

Abstract (en)

[origin: EP2085314A2] A method of constructing a carton (8) from a carton blank (10) and apparatus for performing said method, the method comprising providing a carton blank, having a main panel (16) comprising a plurality of article-receiving apertures (22a, 22b, 22c, 22d, 22e, 22f), in a flat form to group of articles (A) such that each of said plurality of apertures is in registry with a respective article in said group of articles, folding said main panel such that it becomes substantially V-shaped bringing a lowermost portion of said V-shaped main panel into engagement with the article such that innermost portions of the plurality of apertures engage with a protruding portion of a respective article wherein said engagement maintains the grouped configuration of the articles during further processing of the carton blank.

IPC 8 full level

**B65B 17/02** (2006.01); **B65B 27/04** (2006.01); **B65D 71/42** (2006.01)

CPC (source: EP)

**B65B 17/025** (2013.01); **B65D 71/42** (2013.01); **B65B 27/04** (2013.01)

Citation (search report)

- [X] US 5355999 A 19941018 - SUTHERLAND ROBERT L [US]
- [A] US 5351817 A 19941004 - SUTHERLAND ROBERT L [US]
- [A] US 5407065 A 19950418 - SUTHERLAND ROBERT L [US]

Cited by

EP2451721A4; EP2744712A4; US8443968B2; US9669976B2; WO2021262858A1; JP2019514802A; US9776750B2; US10766644B2; WO2023247095A1; WO2024097174A1; WO2021222060A1; WO2023059735A3; WO2023030718A1; WO2023114338A1; WO2024055026A3; WO2023049310A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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