

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)

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DOCDB simple family (publication)

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