

Title (en)

CARTON BLANK AND GABLE TOP CARTON PRODUCED FROM THE SAME

Title (de)

KARTONZUSCHNITT UND AUS DEMSELBEN KARTON PRODUZIERTER GIEBELVERSCHLUSSKARTON

Title (fr)

ÉBAUCHE DE BOÎTE PLIANTE ET BOÎTE EN CARTON À PIGNON PRODUIT À PARTIR DE CELLE-CI

Publication

**EP 4028331 B1 20240501 (EN)**

Application

**EP 20775826 A 20200908**

Priority

- NO 20191110 A 20190913
- EP 2020075120 W 20200908

Abstract (en)

[origin: WO2021048153A1] The present invention relates to a carton blank comprising a plurality of panels configured to form a gable top carton by folding, each of the plurality of panels comprising a wall section sub-panel and a top-closure sub-panel. The carton blank comprises a longitudinal crease line section defining a border between two neighbouring top-closure sub-panels, on which longitudinal crease line section is located a top corner position configured to form a top corner of the carton when the carton blank is folded. The carton blank also comprises a transverse crease line forming a border between one of said neighbouring top-closure sub-panels and a neighbouring wall section sub-panel of the carton blank, wherein said border terminates at the top corner position. The carton blank further comprises a diagonal crease line arranged in said one of said neighbouring top-closure sub-panels, which diagonal crease line defines a folding line terminating at the top corner position. When terminating at the top corner position, the folding line forms an angle of at least 70° with the longitudinal crease line section.

IPC 8 full level

**B65D 5/06** (2006.01)

CPC (source: EP NO)

**B65D 5/067** (2013.01 - EP NO); **B65D 3/20** (2013.01 - NO); **B65D 5/40** (2013.01 - NO)

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

DOCDB simple family (publication)

**WO 2021048153 A1 20210318**; AU 2020344942 A1 20220407; AU 2020344942 B2 20240411; DK 4028331 T3 20240805; EP 4028331 A1 20220720; EP 4028331 B1 20240501; FI 4028331 T3 20240801; JP 2022548874 A 20221122; JP 7550848 B2 20240913; NO 20191110 A1 20210315; NZ 786204 A 20240830; PL 4028331 T3 20240902

DOCDB simple family (application)

**EP 2020075120 W 20200908**; AU 2020344942 A 20200908; DK 20775826 T 20200908; EP 20775826 A 20200908; FI 20775826 T 20200908; JP 2022516393 A 20200908; NO 20191110 A 20190913; NZ 78620420 A 20200908; PL 20775826 T 20200908