

Title (en)

PACKAGING BOX BLANK AND PACKAGING BOX

Title (de)

VERPACKUNGSSCHACHTELZUSCHNITT UND VERPACKUNGSSCHACHTEL

Title (fr)

DÉCOUPE DE BOÎTE D'EMBALLAGE ET BOÎTE D'EMBALLAGE

Publication

**EP 3356241 A4 20190327 (EN)**

Application

**EP 16850436 A 20160923**

Priority

- FI U20154178 U 20151002
- FI 2016050665 W 20160923

Abstract (en)

[origin: WO2017055682A1] The invention relates to a packaging box blank and to the packaging box formed from it. The blank is one-piece, comprising a base surface (1 ), the folding surfaces (2) of the long sides of the box, the vertical surfaces (3) of the short side, a straight crease (22) between the base surface (1 ) and the vertical surface (3). What is essential in the invention is that the packaging blank comprises a crease (17) between the vertical surface (3) of the short side and the stacking plane (4), a flexing slot (23) formed in the vertical surface (3) and also protrusions for the carrying handle (13) functioning as a grip.

IPC 8 full level

**B65D 5/468** (2006.01); **B65D 5/22** (2006.01); **B65D 5/30** (2006.01); **B65D 5/46** (2006.01)

CPC (source: EP RU)

**B65D 5/003** (2013.01 - EP RU); **B65D 5/22** (2013.01 - EP); **B65D 5/241** (2013.01 - EP); **B65D 5/247** (2013.01 - EP); **B65D 5/30** (2013.01 - EP); **B65D 5/4279** (2013.01 - EP); **B65D 5/46** (2013.01 - EP); **B65D 5/4612** (2013.01 - EP)

Citation (search report)

- [XY] FR 2162295 A1 19730720 - GAUDIN ANDRE
- [Y] US 5141149 A 19920825 - FULTON J SCOTT [US]
- [Y] JP 2004175433 A 20040624 - TOKAN KOGYO CO LTD
- [X] US 3471077 A 19691007 - KITCHELL THORNE C
- [X] US 3131849 A 19640505 - PAIGE RICHARD E
- See also references of WO 2017055682A1

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 2017055682 A1 20170406**; CN 206297842 U 20170704; DK 3356241 T3 20200831; EP 3356241 A1 20180808; EP 3356241 A4 20190327; EP 3356241 B1 20200603; ES 2815801 T3 20210330; FI 11490 U1 20170104; JP 3218022 U 20180920; PL 3356241 T3 20210125; RU 189204 U1 20190516

DOCDB simple family (application)

**FI 2016050665 W 20160923**; CN 201621384999 U 20160930; DK 16850436 T 20160923; EP 16850436 A 20160923; ES 16850436 T 20160923; FI U20154178 U 20151002; JP 2018600038 U 20160923; PL 16850436 T 20160923; RU 2018115972 U 20160923