

Title (en)
PACKAGING BOX AND INTEGRATED DETACHABLE LID STRUCTURE

Title (de)
VERPACKUNGSSCHACHTEL UND INTEGRIERTE ABNEHMBARE DECKELSTRUKTUR

Title (fr)
BOÎTE D'EMBALLAGE ET STRUCTURE DE COUVERCLE INTÉGRÉE DÉTACHABLE

Publication
EP 3356242 B1 20220504 (EN)

Application
EP 16850437 A 20160923

Priority
• FI U20154179 U 20151002
• FI 2016050667 W 20160923

Abstract (en)
[origin: WO2017055683A1] The invention relates to a packaging box and to a detachable lid structure (25) integrated into it. The packaging box is formed from a base surface (1), the folding surfaces (2) of the long sides of the box, the vertical surfaces (3) of the short side in such a way that the vertical surface (3) is folded into a vertical attitude from the crease (22) between the vertical surface (3) and the base surface (1) and into the horizontal plane from the crease (17) between the vertical surface (3) of the short side and the stacking plane (4). What is essential in the invention is that a shaped tongue (15) is formed on the outer ends of a stacking plane (4), and the corner (27) of the lid structure (25) is guided to slide under the shaped tongue.

IPC 8 full level
B65D 5/64 (2006.01); **B65D 5/00** (2006.01); **B65D 5/24** (2006.01); **B65D 5/42** (2006.01)

CPC (source: EP RU)
B65D 5/00 (2013.01 - EP); **B65D 5/0035** (2013.01 - EP); **B65D 5/24** (2013.01 - EP); **B65D 5/241** (2013.01 - EP); **B65D 5/247** (2013.01 - EP); **B65D 5/30** (2013.01 - EP); **B65D 5/42** (2013.01 - EP); **B65D 5/4279** (2013.01 - EP); **B65D 5/64** (2013.01 - EP RU); **B65D 5/646** (2013.01 - EP)

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 2017055683 A1 20170406; CN 207225879 U 20180413; DK 3356242 T3 20220613; EP 3356242 A1 20180808; EP 3356242 A4 20190508; EP 3356242 B1 20220504; ES 2914693 T3 20220615; FI 11491 U1 20170104; JP 3218024 U 20180920; PL 3356242 T3 20220725; RU 191648 U1 20190815

DOCDB simple family (application)
FI 2016050667 W 20160923; CN 201621389389 U 20160930; DK 16850437 T 20160923; EP 16850437 A 20160923; ES 16850437 T 20160923; FI U20154179 U 20151002; JP 2018600040 U 20160923; PL 16850437 T 20160923; RU 2018115974 U 20160923