

Title (en)
HINGED-LID BOX

Title (de)
KLAPPDECKELSCHACHTEL

Title (fr)
BOÎTE À COUVERCLE RABATTABLE

Publication
EP 4251525 A1 20231004 (DE)

Application
EP 21823490 A 20211126

Priority
• DE 202020106839 U 20201127
• EP 2021083159 W 20211126

Abstract (en)
[origin: CA3200213A1] The invention relates to a hinged-lid box (48) comprising: a lower part (49) having a bottom wall (2) with a polygonal base; side walls (9, 10, 11, 12, 13, 14) which are inclined outwardly and are connected to the lateral edges of the bottom wall via lower fold lines; corner joints (15, 16, 17, 18, 19, 20) between adjacent side walls in the form of two triangular tabs each, each of which triangular tabs is connected to a lateral edge of one of the two adjacent side walls via an outer fold line, wherein the triangular tabs are folded around a central fold line so as to abut one another and so as to abut one of the two adjacent side walls and are adhesively bonded to the latter; dust flaps (41, 42, 45) which are connected to upwardly bent upper edges of side walls via bent upper fold lines; at least one side wall of which the upper edge is a free edge and which is arranged between two adjacent side walls of which the upper edges are connected to dust flaps; and a hinged lid (28) having a polygonal top wall which is connected to a side wall via an upper fold line (27), and having at least one insertion flap (34, 35) which is connected to the top wall via a lateral fold line.

IPC 8 full level
B65D 5/24 (2006.01); **B65D 5/66** (2006.01)

CPC (source: EP US)
B65D 5/2019 (2013.01 - US); **B65D 5/2033** (2013.01 - EP US); **B65D 5/2038** (2013.01 - EP US); **B65D 5/2047** (2013.01 - EP); **B65D 5/2052** (2013.01 - US); **B65D 5/244** (2013.01 - EP US); **B65D 5/6626** (2013.01 - US); **B65D 5/665** (2013.01 - EP); **B65D 5/6661** (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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 202020106839 U1 20220302; CA 3200213 A1 20220602; EP 4251525 A1 20231004; JP 2023553366 A 20231221; MX 2023006173 A 20230608; US 2024017873 A1 20240118; WO 2022112499 A1 20220602

DOCDB simple family (application)
DE 202020106839 U 20201127; CA 3200213 A 20211126; EP 2021083159 W 20211126; EP 21823490 A 20211126; JP 2023532351 A 20211126; MX 2023006173 A 20211126; US 202118038856 A 20211126