Title (en)
    CARDBOARD CRATE

Title (de)
    STEIGE AUS KARTON

Title (fr)
    CAGEOT EN CARTON

Publication
    EP 3642122 B1 20210421 (DE)

Application
    EP 18750306 A 20180614

Priority
    • AT 505152017 A 20170622
    • AT 2018050013 W 20180614

Abstract (en)
    [origin: WO2018232432A1] The invention relates to a cardboard crate having a shell (1) which projects up from a base and has stacking protrusions which protrude vertically over the shell (1) in the region of the shell corners, base cut-outs (19) which correspond to the stacking protrusions, and upper longitudinal edge sections, reinforced between the stacking protrusions, in the form of inwardly folded edge flaps (5) which comprise, delimited by crease lines (7), a bearing web (9) parallel to the base, a supporting web (12) folded against the base (1), and an edge web (13) bent back against the bearing web (9) and adhesively bonded to the shell (1). To produce simple design conditions, the invention proposes that the edge webs (13) of the edge flaps (5) be extended by protruding tabs (15) which extend into the shell corners and, together with a tab section (17) which protrudes vertically over the bearing web (9), form the stacking protrusions, which are doubled by an inwardly folded reinforcing section (18).

IPC 8 full level
    B65D 5/66 (2006.01); **B65D 5/00** (2006.01)

CPC (source: AT EP)
    B65D 5/0025 (2013.01 - AT); **B65D 5/003** (2013.01 - AT); **B65D 5/0035** (2013.01 - AT 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 2018232432 A1 20181227; AT 520141 A1 20190115; AT 520141 B1 20190715; EP 3642122 A1 20200429; EP 3642122 B1 20210421; ES 2880370 T3 20211124; HU E055006 T2 20211028; PL 3642122 T3 20211102; SI 3642122 T1 20211130

DOCDB simple family (application)
    AT 2018050013 W 20180614; AT 505152017 A 20170622; EP 18750306 A 20180614; ES 18750306 T 20180614; HU E18750306 A 20180614; PL 18750306 T 20180614; SI 201830327 T 20180614