

Title (en)

CONSTRUCT WITH LOCKING FEATURES

Title (de)

KONSTRUKTION MIT VERRIEGELUNGSMERKMALEN

Title (fr)

CONSTRUCTION DOTÉE D'ÉLÉMENTS DE VERROUILLAGE

Publication

EP 4269264 A2 20231101 (EN)

Application

EP 23166937 A 20230406

Priority

DE 202022101893 U 20220407

Abstract (en)

A carton (28) for holding one or more products. The carton (28) can comprise a lid (27) comprising at least a top panel (14). Further, the carton can comprise a tray (12) comprising a bottom panel (2) and a plurality of tray side panels (3.1, 3.2, 3.3, 3.4) respectively foldably connected to the bottom panel (2). The plurality of tray side panels (3.1, 3.2, 3.3, 3.4) and the bottom panel (2) can extend at least partially around an interior (42) of the carton (28). The tray further can comprise a plurality of closure flaps (11.1, 11.2, 11.3, 11.4). Each closure flap (11.1, 11.2, 11.3, 11.4) of the plurality of closure flaps (11.1, 11.2, 11.3, 11.4) can be foldably connected to respective tray side panels (3.1, 3.2, 3.3., 3.4) of the plurality of tray side panels (3.1, 3.2, 3.3., 3.4). The tray (12) can be at least partially received within the lid (27) with each of the closure flaps (11.1, 11.2, 11.3, 11.4) at least partially in contact with the top panel (14) when the carton (28) is in a closed configuration.

IPC 8 full level

B65D 5/20 (2006.01); **B65D 5/24** (2006.01); **B65D 5/36** (2006.01); **B65D 5/68** (2006.01)

CPC (source: EP)

B65D 5/2047 (2013.01); **B65D 5/244** (2013.01); **B65D 5/246** (2013.01); **B65D 5/3657** (2013.01); **B65D 5/68** (2013.01); **B65D 5/3642** (2013.01);
B65D 5/4204 (2013.01); **B65D 5/563** (2013.01); **B65D 2203/02** (2013.01)

Citation (applicant)

DE 202022101893 U 20220407

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 202022101893 U1 20230710; EP 4269264 A2 20231101; EP 4269264 A3 20240221

DOCDB simple family (application)

DE 202022101893 U 20220407; EP 23166937 A 20230406