

Title (en)
FOLDABLE CONTAINER HAVING CORNER LOCKING STRUCTURE

Title (de)
FALTBARER BEHÄLTER MIT ECKVERRIEGELUNGSSTRUKTUR

Title (fr)
CONTENEUR PLIABLE AYANT UNE STRUCTURE DE VERROUILLAGE DE COIN

Publication
EP 3901065 A1 20211027 (EN)

Application
EP 20837015 A 20200108

Priority
• KR 20190082883 A 20190709
• KR 2020000319 W 20200108

Abstract (en)
The present disclosure relates to a structure for firmly coupling a corner of a top plate of a foldable container that can be folded by use of a torsion bar, in which the top plate is completely detachably coupled to the side wall panel. The foldable container according to the present disclosure includes posts P provided on both sides of the front panel and the rear panel in a vertical direction to bear a load of the container, torsion bars provided at lower ends of the side panel, the front panel, and the rear panel, and a corner locking structure that couples the top plate, the rear panel, and the side panel at an upper corner, such that the corners are firmly coupled while the container is in an unfolded state.

IPC 8 full level
B65D 90/00 (2006.01); **B65D 88/12** (2006.01); **B65D 88/52** (2006.01)

CPC (source: EP KR US)
B65D 88/121 (2013.01 - KR); **B65D 88/52** (2013.01 - KR); **B65D 88/522** (2013.01 - EP US); **B65D 90/0013** (2013.01 - KR); **B65D 90/0026** (2013.01 - EP); **B65D 90/008** (2013.01 - KR); **B65D 2555/02** (2013.01 - KR); **B65D 2590/0033** (2013.01 - KR); **B65D 2590/666** (2013.01 - KR)

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

DOCDB simple family (publication)
EP 3901065 A1 20211027; **EP 3901065 A4 20220302**; CN 113329956 A 20210831; KR 102029340 B1 20191007; US 2022089359 A1 20220324; WO 2021006443 A1 20210114

DOCDB simple family (application)
EP 20837015 A 20200108; CN 202080010690 A 20200108; KR 20190082883 A 20190709; KR 2020000319 W 20200108; US 202017425297 A 20200108