

Title (en)

FOLDABLE CONTAINER INCLUDING TORSION BAR MODULE FOR COLLAPSING SIDE PANEL

Title (de)

FALTBARER BEHÄLTER MIT DREHSTABMODUL FÜR KLAPPBARES SEITENPANEEL

Title (fr)

RÉCIPIENT PLIABLE COMPRENANT UN MODULE BARRE DE TORSION DESTINÉ À PLIER UN PANNEAU LATÉRAL

Publication

EP 3901064 A4 20220302 (EN)

Application

EP 20837508 A 20200108

Priority

- KR 20190082884 A 20190709
- KR 2020000320 W 20200108

Abstract (en)

[origin: EP3901064A1] The present disclosure relates to a foldable container including a torsion bar module, including: first hinges 310 provided at both outermost ends of the torsion bar module; a plurality of torsion bars arranged between the first hinges; and a second hinge 320 and a third hinge 330 inside the first hinges, with which both ends of the torsion bars are coupled and arranged. The second hinge 320 includes a second torsion bar mounting member 321 and a second support member 323, wherein the second torsion bar mounting member 321 receives the torsion bars to be inserted and mounted therein from both sides and is coupled to the bottom plate, and the second support member 323 receives the second torsion bar mounting member 321 to be relatively rotatably coupled thereto and is coupled to the side panel, and the third hinge 330 includes a third torsion bar mounting member 331 and a third support member 333, wherein the third torsion bar mounting member 331 receives the torsion bars to be inserted and mounted therein from both sides and is coupled to the side panel, and the third support member 333 receives the third torsion bar mounting member 331 to be relatively rotatably coupled thereto and is coupled to the bottom plate.

IPC 8 full level

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CPC (source: EP KR US)

B65D 88/121 (2013.01 - KR US); **B65D 88/522** (2013.01 - EP KR US)

Citation (search report)

- [I] DE 1200728 B 19650909 - WALTHER ZARGES DIPL ING
- [A] GB 2039850 A 19800820 - SEA CONTAINERS LTD
- [A] KR 101439073 B1 20140915 - KOREA CONTAINER POOL CO LTD [KR]
- [A] US 2015069051 A1 20150312 - KRAFT JOSHUA J [US]
- See references of WO 2021006444A1

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)

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DOCDB simple family (application)

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