

Title (en)

BUCKLING STIFFENER RING AND METHOD FOR STIFFENING A SUBSTANTIALLY CYLINDRICAL STRUCTURE

Title (de)

BEULSTEIFENRING UND VERFAHREN ZUR AUSSTEIFUNG EINES IM WESENTLICHEN ZYLINDERFÖRMIGEN BAUWERKS

Title (fr)

ANNEAU DE RAIDISSEMENT DE LA BOSSE ET PROCÉDÉ DE RAIDISSEMENT D'UNE STRUCTURE ESSENTIELLEMENT CYLINDRIQUE

Publication

**EP 4211056 B1 20230927 (DE)**

Application

**EP 22765574 A 20220826**

Priority

- LU 102882 A 20211201
- EP 2022073819 W 20220826

Abstract (en)

[origin: WO2023099051A1] The invention relates to a buckling stiffening ring (2) for stiffening a substantially cylindrical structure, in particular a tank (90), and to a method for stiffening a substantially cylindrical structure, in particular a tank. The buckling stiffening ring comprises a plurality of intermediate supports (231) which are connected by means of connecting elements and form a reinforcing ring (230), wherein a fitting piece and/or a variable connecting piece is located at least between two adjacent intermediate supports (231).

IPC 8 full level

**B65D 88/08** (2006.01); **E04H 7/06** (2006.01)

CPC (source: EP)

**E04H 7/065** (2013.01)

Citation (examination)

US 3057054 A 19621009 - BARNES HERSCHEL E

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 2023099051 A1 20230608**; EP 4211056 A1 20230719; EP 4211056 B1 20230927; EP 4211056 C0 20230927

DOCDB simple family (application)

**EP 2022073819 W 20220826**; EP 22765574 A 20220826