

Title (en)
ARTICULATED FLOATING STRUCTURE

Title (de)
SCHWIMMENDE GELENKSTRUKTUR

Title (fr)
STRUCTURE FLOTTANTE ARTICULÉE

Publication
EP 4267455 A1 20231101 (EN)

Application
EP 20839102 A 20201223

Priority
EP 2020087842 W 20201223

Abstract (en)
[origin: WO2022135730A1] The invention relates to a floating structure, comprising a plurality of interconnected frames and a plurality of buoyant members supporting the structure, wherein the frames are substantially triangular in planform. Adjacent triangular frames may be movably connected, in particular pivotably connected. The triangular frames may comprise right-angle triangles, isosceles triangles or equilateral triangles. The floating structure may support an installation, like e.g. a solar farm. The invention also relates to a triangular frame for use in such a floating structure.

IPC 8 full level
B63B 35/34 (2006.01); **B63B 35/58** (2006.01)

CPC (source: EP KR US)
B63B 1/125 (2013.01 - US); **B63B 35/34** (2013.01 - EP KR); **B63B 35/44** (2013.01 - US); **B63B 35/58** (2013.01 - EP KR);
B63B 2001/126 (2013.01 - US); **B63B 2035/4453** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2022135730A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022135730 A1 20220630; AR 124492 A1 20230405; CN 116601075 A 20230815; EP 4267455 A1 20231101; JP 2024506124 A 20240209;
KR 20230128038 A 20230901; TW 202239663 A 20221016; US 2024043094 A1 20240208

DOCDB simple family (application)
EP 2020087842 W 20201223; AR P210103647 A 20211223; CN 202080108107 A 20201223; EP 20839102 A 20201223;
JP 2023538898 A 20201223; KR 20237024985 A 20201223; TW 110148397 A 20211223; US 202018268529 A 20201223