

Title (en)
FLOATING UNIT ASSEMBLY

Title (de)
SCHWIMMENDE EINHEIT

Title (fr)
ENSEMBLE UNITAIRE FLOTTANT

Publication
EP 4247701 A1 20230927 (EN)

Application
EP 21814782 A 20211119

Priority
• EP 2020082934 W 20201120
• EP 2021082302 W 20211119
• NO 20200826 A 20200714

Abstract (en)
[origin: WO2022013145A1] The present invention relates to a mooring system for an array of floating units, comprising - a plurality of floating units, - a plurality of buoys, - a plurality of connection points to the seafloor such that for each buoy there is at least a connection point to the seafloor, - 1 or more tensioned lines linking each buoy to its one or several connection points, - A plurality of lines between the floating units and the buoys such that each floating unit is connected to several buoys and each buoy is connected to several floating units, According to the present invention, - the lines are slack lines made of fibre, metal wire or a fibre-metal composite, and - the buoys account for the major part of the mooring system flexibility.

IPC 8 full level
B63B 21/50 (2006.01); **B63B 35/44** (2006.01); **F03D 13/25** (2016.01)

CPC (source: EP KR NO)
B63B 21/20 (2013.01 - KR); **B63B 21/50** (2013.01 - EP KR NO); **B63B 22/025** (2013.01 - NO); **B63B 35/44** (2013.01 - EP NO); **F03D 13/25** (2016.05 - EP KR NO); **B63B 2035/446** (2013.01 - EP KR NO); **F05B 2240/93** (2013.01 - EP KR NO); **F05B 2250/132** (2013.01 - NO); **Y02E 10/72** (2013.01 - EP KR NO); **Y02E 10/727** (2013.01 - EP KR NO)

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 2022013145 A1 20220120; EP 4247701 A1 20230927; KR 20230107268 A 20230714; NO 20200826 A1 20220117; NO 20230565 A1 20230512; NO 347179 B1 20230619; WO 2022012769 A1 20220120; WO 2022106619 A1 20220527

DOCDB simple family (application)
EP 2021069316 W 20210712; EP 2020082934 W 20201120; EP 2021082302 W 20211119; EP 21814782 A 20211119; KR 20237018376 A 20211119; NO 20200826 A 20200714; NO 20230565 A 20230512