

Title (en)

MARINE MOUNTING PROVIDED WITH A DEVICE FOR STORING AND GUIDING HOSES

Title (de)

MARINE HALTERUNG MIT EINER VORRICHTUNG ZUR AUFBEWAHRUNG UND FÜHRUNG VON SCHLÄUCHEN

Title (fr)

SUPPORT EN MER EQUIPE D'UN DISPOSITIF DE STOCKAGE ET DE GUIDAGE DE CONDUITES FLEXIBLES.

Publication

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Application

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Abstract (en)

[origin: WO2012072497A1] The present invention relates to a support structure (1) installed at sea and provided with a device (4) for storing and guiding hoses (3, 3a-3b-3c), comprising: a first load-bearing structure (5) supporting a plurality of turntables (4-1) arranged one above the other, wherein hoses are wound or capable of being wound into concentric adjacent spirals having increasingly larger diameters and resting on said turntables; a rotary seal (7) connecting a first end (3-1), closer to the center of the turntable, of a hose pipe on said turntable, to an end (8-1) of a transfer pipe (8) which remains stationary while said turntable is rotated; and a plurality of guide means (10, 10a, 10b, 10c), capable of guiding portions (3-2) of said hoses on the outside (3-2) of said turntables that form a continuation of the remaining portions of the hoses resting on said turntable, such that said hose portions (3-2) exiting said turntables are rectilinearly arranged at different positions in a horizontal direction (?1?1) parallel to said edge and at different heights, and such that the vertical axial planes P1, P2, P3, relative to said horizontal direction (?1?1) parallel to said edge (1d), of said hose portions can have various angles (a1, a2, a3).

IPC 8 full level

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Citation (search report)

See references of WO 2012072497A1

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US11560203B2; US11679844B2; US11267532B2; US11279446B2; US11319036B2

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