

A B S T R A C T

A SUPPORT AT SEA FITTED WITH A STORAGE AND GUIDE DEVICE
FOR FLEXIBLE PIPES

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The present invention relates to a support (1) installed at sea and fitted with a storage and guide device (4) for storing and guiding flexible pipes (3, 3a-3b-3c), the support comprising:

10 • a first carrier structure (5) supporting a plurality of turntables (4-1) arranged one above another, flexible pipes being wound or suitable for being wound in concentric juxtaposed spiral turns of increasing diameter resting on said turntables;

15 • a rotary joint (7) enabling coupling to be established between firstly a first end (3-1) closest to the center of the turntable of a flexible pipe on said turntable, and secondly an end (8-1) of a transfer pipe (8) that remains stationary while said turntable is being
20 driven in rotation; and

 • a plurality of guide means (10, 10a, 10b, 10c) suitable for guiding portions (3-2) of said flexible pipe outside (3-2) said turntables in continuity with remaining pipe portions resting on said turntables, in
25 such a manner that said pipe portions (3-2) leaving said turntables are arranged in straight lines at different positions in a horizontal direction ($Y_1Y'_1$) parallel to said side, at different heights and capable of adopting different orientations ($\alpha_1, \alpha_2, \alpha_3$) for their vertical
30 axial planes P1, P2, P3 relative to said horizontal direction ($Y_1Y'_1$) parallel to said side (1d).

Translation of the title and the abstract as they were when originally filed by the
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