

ABSTRACT

Device for recovering a vessel (N) at sea from a surface station, the recovery device comprising:

- 5 - a cradle (B) with negative buoyancy, intended to support the vessel (N),
- a lifting device (LEV) comprising an upper frame (CS) and a set of hangers (11, 12, 13, 14, 15, 16) connecting the cradle (B) to the upper frame (CS), lengths of the hangers being variable so as to make it possible to raise and lower the cradle (B), a
- 10 guide float (F) capable of having a predetermined positive buoyancy, the guide float (F) being interposed between the cradle (B) and the upper frame (CS) so that the cradle (B) is intended to support the guide float (F) during the raising of the cradle (B), the guide float (F) being configured and connected to the cradle (B) in order to guide the vessel (N) moving on the surface of the water with a speed of movement
- 15 comprising a positive component along an axis x associated with the upper frame (CS), toward a front part of the guide float (F) when the guide float (F) has the predetermined positive buoyancy, the guide float (F) being in connection with three degrees of freedom in rotation with the cradle (B).

Figure for the abstract: Fig.1