

ABSTRACT

Handling device (10) comprising a winch (11) comprising a frame (12), intended to be attached to a structure of the surface vessel (B) and a first drum capable of turning relative to the frame (12) about a first rotation axis and an assembly comprising at least one second drum (14) which surrounds the first drum and is capable of turning relative to the frame (12) about a second rotation axis substantially parallel to the first rotation axis, the winch (11) being capable of being in a decoupled state in which the first drum and the second drum are rotationally decoupled about the first rotation axis and the second rotation axis so as to allow a traction cable to be wound around the first drum during a first winding step in which the first drum is rotated about the first axis, the second drum (14) being capable of being in an open state in which the second drum (14) has a receiving opening (15) that a towed body (4) is capable of passing through in order to enter the interior of the space that surrounds the first drum and that is surrounded by the second drum (14), the winch (11) being capable of being in a coupled state in which the first drum and the second drum (14) are rotationally coupled about the second rotation axis so as to allow a flexible elongate body to be wound around the second rotation axis during a second winding step in which the second drum (14) is rotated about the second axis.

Figure for the abstract: Fig. 2.