Abstract

Mechanical connection device, designed for detachable mechanical connection of the free ends of two offshore lines

The present invention relates to a mechanical connection device designed for the detachable mechanical connection of the free ends (L11, L21) of two offshore lines (L), advantageously a mooring line and a messenger line.

The mechanical connection device (1) comprises two modules (2, 3) that are attached to a free end (L11, L21) of the offshore lines (L).

The mechanical connection device (1) comprises locking means (5) that include an operating member (6), to operate the locking means (5) from a locked configuration to an unlocked configuration.

The operating member (6) is movable between two positions with a translational degree of freedom (T) parallel to the longitudinal axis (1') of the modules (2, 3) in the assembled state, preferably in a downstream to upstream direction.

Figure for the abstract: 2