Title (en)
  DISCONNECTABLE BUOY

Title (de)
  LÖSBARE BOJE

Title (fr)
  BOUEE DETACHABLE

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Abstract (en)
  [origin: WO0234616A1] The invention relates to floating mooring construction (1) comprising a vessel (2) having a hull (35) with a cavity (9) for
  receiving a mooring buoy (8) carrying at least one flowline (13), and a pulling device (22, 24) connected to the mooring buoy for pulling the buoy
  towards the vessel. A flexible element (27) is comprised between a wall of the recess (9) and the buoy. The invention is characterised in that the
  vessel comprises a turret (5) around which the vessel can weathervane, the recess (9) being provided in the lower part of the turret (5), wherein
  the buoy (8) comprises near its lower end an annular groove (26) in which the flexible element (27) is seated, the outer surface of the flexible
  element including a sharp angle (alpha) with a center line (21) of the buoy. The buoy is attachable to the turret by the pulling device (22, 24) pulling
  the buoy into the cavity (9) and compressing the flexible element (27) against the wall of the cavity (9). The present invention provides a semi-
  permanent system, which is able to transmit relatively large mooring forces to the turret.

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