

Title (en)
SEABED ANCHORING SYSTEM AND METHOD FOR SUCH A SYSTEM

Title (de)
MEERESBODENVERANKERUNGSSYSTEM UND VERFAHREN FÜR EIN SOLCHES SYSTEM

Title (fr)
SYSTÈME D'ANCRAGE SUR LE PLANCHER SOUS-MARIN ET PROCÉDÉ ASSOCIÉ

Publication
EP 2766253 A1 20140820 (EN)

Application
EP 12770508 A 20121015

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Abstract (en)
[origin: WO2013053936A1] An anchoring system for a floater includes an anchoring element to be added into the soil (100) in a controlled and stabilized way. The anchoring element forms a mooring element for a floater, is hollow and comprises a top flange adapted to receive a suction head (50) which forms also a contact surface for receiving a driving hammer (51). Also a method is provided for an anchoring system for stabilizing and or penetrating an anchoring element including a hollow pile (1) in the lower end of a body of water (200), in which the pile (1) is lowered onto the lower end, using: a) closing the pile (1) with a removable cover that includes a top flange with a suction head (50) b) reducing the pressure inside the pile (1) to cause the pile (1) to penetrate the lower end of the pile (1) into the soil (100) over a part of its length c) removing the cover from the top end of the pile (1) d) installing a follower or a hammering device (51) onto the top end of the pile (1) to hammer the pile further into the soil (100) during by hammering on the contact surface of the hollow pile (1).

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