

Title (en)
DEVICE FOR EXTRACTING SOLID MATERIAL ON THE BED OF A BODY OF WATER, AND ASSOCIATED METHOD

Title (de)
VORRICHTUNG ZUR EXTRAKTION EINES FESTSTOFFES AUS DEM GRUND EINES GEWÄSSERS UND ENTSPRECHENDES VERFAHREN

Title (fr)
DISPOSITIF D'EXTRACTION DE MATÉRIAU SOLIDE SUR LE FOND D'UNE ÉTENDUE D'EAU ET PROCÉDÉ ASSOCIÉ

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Application
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Abstract (en)
[origin: WO2012146730A1] The invention relates to a device comprising: an assembly (22) for collecting material on the bed (12) of a body of water (14), a riser (48) for lifting the solid material, and a pump (90) for lifting the solid material collected by the collection assembly (22) in the riser (48) toward the surface facility (26). The device also comprises a separator (42) for generating a stream having a high content of solid material and a stream having a low content of solid material, said separator (42) including a lower outlet (76) for discharging the stream rich in solid material. The device comprises an upstream hose (40) connecting the collection assembly (22) to the separator (42), and an intermediate pipe (44) connecting said or each discharge outlet (76) to the riser (48), the delivery outlet (100) of the pump being tapped into the intermediate pipe (44).

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