

Title (en)
SUCTION PILE SUITABLE FOR SHALLOW DEPTHS

Title (de)
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Title (fr)
PILE DE SUCCION ADAPTEE AUX FAIBLES PROFONDEURS

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Application
EP 07803873 A 20070716

Priority

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Abstract (en)
[origin: WO2008012414A2] The invention relates to a suction pile (10) comprising a cylindrical wall (12) and a piston that is movable (14) inside said cylindrical wall (12), said cylindrical wall having one suction end (24) suitable for sinking into an ocean floor (50), said piston (14) delimiting two chambers, one being able to be filled with water, said suction pile (10) including pumping means (56) for extracting the water from said one of said chambers (20) and causing the sinking of said suction end (24); according to the invention, it comprises means (28, 30, 32, 38, 40) of stopping said piston (14), while said cylindrical wall (12) has one water intake end (26) to allow water to enter into the other chamber (22); and said piston (14) is alternatively stopped and driven in movement as the suction end (24) sinks.

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Cited by
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