

Title (en)  
FLOATING MARINE STRUCTURE WITH SUCTION PILES

Title (de)  
SCHWIMMENDE MEERESSTRUKTUR MIT SAUGPFÄHLEN

Title (fr)  
STRUCTURE MARINE FLOTTANTE À PIEUX À SUCCION

Publication  
**EP 3222783 A1 20170927 (EN)**

Application  
**EP 17162940 A 20170324**

Priority  
NL 2016485 A 20160324

Abstract (en)  
Marine structure comprising a foundation with one or more suction piles installed in the seafloor to operate as a foundation or part of it to support an offshore structure resting onto the seafloor, the suction pile having internally below the top bulkhead a grout plug, which grout plug is fluid permeable to provide a fluid connection between the suction pile inner spaces above and below it, e.g. wherein a fluid flow channel extends through the grout plug.

IPC 8 full level  
**E02D 27/52** (2006.01)

CPC (source: EP)  
**E02D 27/525** (2013.01); **E02B 2017/0078** (2013.01)

Citation (applicant)  
• GB 2300661 B 19970730 - HOGERVORST JOHANNES RUDOLF [NL]  
• EP 0011894 B1 19840704  
• WO 9951821 A1 19991014 - SUCTION PILE TECHNOLOGY B V [NL], et al  
• EP 1101872 A2 20010523 - SUCTION PILE TECHNOLOGY B V [NL]  
• WO 02088475 A1 20021107 - SUCTION PILE TECHNOLOGY B V [NL], et al  
• US 8025463 B2 20110927 - FOO KOK SENG [SG], et al  
• WO 03099646 A2 20031204 - STOLT OFFSHORE SA [FR], et al  
• EP 1881113 A2 20080123 - SUCTION PILE TECHNOLOGY B V [NL]

Citation (search report)  
[XAI] WO 2014084737 A1 20140605 - DIJKSTRA OENE JELJER, et al

Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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