

Title (en)

A system and method of extending piles into a seabed

Title (de)

System und Verfahren zur Erstellung von Gründungspfählen auf einer Gewässersohle

Title (fr)

Système et procédé d'extension de piliers au fond de la mer

Publication

EP 2325398 A1 20110525 (EN)

Application

EP 11153383 A 20100928

Priority

- EP 10180777 A 20100928
- NO 20093082 A 20091001

Abstract (en)

A system for installation of piles (12) to be extended into a seabed (B), comprising a guiding apparatus (20) having a plurality of pile guiding elements (24) interconnected by connection elements (19, 22). Each guiding element (24) has respective guiding means (27) and respective support elements (32) for supporting the apparatus on the seabed (B), and the system also comprises control- and power means (54, 56) for connection to the guiding apparatus (20). The guiding apparatus (20) comprises position-sensing means (36) and inclination-sensing means (46) operably connected via control means (49) to the guiding elements' (24) horizontal and vertical positions may be adjusted and the guiding apparatus (20) may brought into a level state on the seabed.

IPC 8 full level

E02D 13/04 (2006.01)

CPC (source: EP)

E02D 13/00 (2013.01); **E02D 13/04** (2013.01)

Citation (search report)

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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 SE SI SK SM TR

Designated extension state (EPC)

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