

Title (en)

Method of creating a foundation for a offshore structure

Title (de)

Verfahren zur Herstellung einer Gründung für eine Offshore-Anlage

Title (fr)

Procédé de fabrication d'une fondation pour une installation offshore

Publication

EP 2500473 B1 20130821 (DE)

Application

EP 11158535 A 20110316

Priority

EP 11158535 A 20110316

Abstract (en)

[origin: EP2500473A1] The method involves lowering a component (1) which is in form of tubular hollow structure, from floating position with horizontally oriented longitudinal axis, so that reduction takes place down to sea floor (3) or upto defined position. The component is held by manipulation device (8) in vertical position. The component is lowered with its lower end on sea floor. A drilling device (12) is provided for drilling borehole in sea floor. The component is lowered into sea floor based on penetration rate into borehole. The component is fixed in borehole after reaching its final depth.

IPC 8 full level

E02D 7/28 (2006.01); **E02D 27/42** (2006.01); **E02D 27/52** (2006.01)

CPC (source: EP)

E02B 17/0004 (2013.01); **E02D 7/28** (2013.01); **E02D 27/42** (2013.01); **E02D 27/52** (2013.01); **E02B 2017/0091** (2013.01)

Cited by

EP2930275A1; EP3333324A1; WO2016028151A1; NL2010845C2; DE102012014832A1; NL2014952A; CN103303600A; EP2857588A1; NL2013349B1; JP2017525873A; WO2014189367A1; WO2016200261A1; US11346071B2; WO2018139931A1; US11186962B2; EP4273326A1; WO2023214094A1

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