

Title (en)

Apparatus and method for making an off-shore foundation on vertical piles, more specifically a bridge-pier foundation

Title (de)

Einrichtung und Verfahren zur Herstellung einer off-shore Vertikalpfahlgründung, insbesondere eine Brückenpfeilergründung

Title (fr)

Dispositif et procédé pour réaliser une fondation sur pieux verticaux en mer, notamment la fondation d'une pile de pont

Publication

EP 0580513 B1 19970305 (FR)

Application

EP 93401900 A 19930722

Priority

FR 9209094 A 19920723

Abstract (en)

[origin: EP0580513A1] The invention relates to the production of an off-shore foundation on vertical piles. An inherently stable caisson (1) which can be filled with ballast is prefabricated and surmounted by the beginnings (2) of foundations, and equipped with vertical tubular sleeves (3) along which the caisson can slide. This assembly is moved to its permanent location off-shore and the caisson is made to slide in an appropriate manner, firstly upwards above the level of the sea and then downwards to below the zone which is exposed to impact. The invention applies particularly to the production of a bridge pier. <IMAGE>

IPC 1-7

E02D 27/52; **E02D 5/40**

IPC 8 full level

E02D 5/40 (2006.01); **E02D 27/52** (2006.01)

CPC (source: EP)

E02D 5/40 (2013.01); **E02D 27/52** (2013.01)

Cited by

CZ306542B6; DE102010020995A1; DE102010020995B4; GB2476276A; GB2476276B; US9133597B2

Designated contracting state (EPC)

DE DK ES GB GR IT PT SE

DOCDB simple family (publication)

EP 0580513 A1 19940126; **EP 0580513 B1 19970305**; DE 69308415 D1 19970410; FR 2694030 A1 19940128; FR 2694030 B1 19941028

DOCDB simple family (application)

EP 93401900 A 19930722; DE 69308415 T 19930722; FR 9209094 A 19920723