

Title (en)
MONOPILE TRANSITION PIECE

Title (de)
MONOPILE-ÜBERGANGSSTÜCK

Title (fr)
PIÈCE DE TRANSITION POUR MONOPIEU

Publication
EP 2769023 A1 20140827 (EN)

Application
EP 11774076 A 20111020

Priority
GB 2011001511 W 20111020

Abstract (en)
[origin: WO2013057459A1] The present invention relates to transition pieces (10) for use with a monopile structure, a monopile structure having the aforementioned transition piece, use of a rigid spacer in a monopile structure, a method of installing the transition piece and a kit having a rigid spacer and an annular grout seal. The transition piece of the invention is for fixing to a cylindrical pile, and the transition piece comprises a cylindrical transition piece body (16) and a plurality of rigid spacers (14) projecting from an inner cylindrical wall of the transition piece body, each rigid spacer having a contact portion (26) to abut against an outer wall of the pile, and the spacer being adjustably attached to the transition piece body so that the distance between the contact face and the inner wall of the transition piece body is adjustably fixed.

IPC 8 full level
E02B 17/02 (2006.01); **E02B 17/00** (2006.01); **E02D 27/42** (2006.01); **F03D 11/04** (2006.01)

CPC (source: EP)
E02B 17/0004 (2013.01); **E02B 17/0008** (2013.01); **E02B 17/027** (2013.01); **E02D 27/425** (2013.01); **F03D 13/22** (2023.08); **E02B 2017/0065** (2013.01); **E02B 2017/0091** (2013.01); **F05B 2240/912** (2013.01); **F05B 2240/95** (2013.01); **Y02E 10/72** (2013.01); **Y02E 10/727** (2013.01)

Citation (search report)
See references of WO 2013057459A1

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

DOCDB simple family (publication)
WO 2013057459 A1 20130425; CN 104204360 A 20141210; EP 2769023 A1 20140827

DOCDB simple family (application)
GB 2011001511 W 20111020; CN 201180074253 A 20111020; EP 11774076 A 20111020