

Title (en)

Subsea transformer

Title (de)

Unterwassertransformator

Title (fr)

Transformateur sous-marin

Publication

EP 2690635 A1 20140129 (EN)

Application

EP 12178240 A 20120727

Priority

EP 12178240 A 20120727

Abstract (en)

A subsea transformer comprising a first transformer part (10) and a second transformer part (20) is provided. The first transformer part includes a first core segment (11) and a first transformer winding (12). The first transformer winding is supported by an elongated core member (15) of the first core segment. The second transformer part includes a second core segment (21). A second transformer winding (22) is arranged around a hollow cylindrical space which is formed so that the first transformer winding can be inserted into the hollow cylindrical space for enabling a substantially co-axial arrangement of the first and second transformer windings.

IPC 8 full level

H01F 27/26 (2006.01); **H01F 27/30** (2006.01); **H01F 27/02** (2006.01); **H01F 38/14** (2006.01)

CPC (source: EP)

H01F 27/263 (2013.01); **H01F 27/306** (2013.01); **H01F 27/022** (2013.01); **H01F 38/14** (2013.01)

Citation (search report)

- [X] GB 2458476 A 20090923 - ROLLS ROYCE PLC [GB]
- [A] EP 2447962 A1 20120502 - NEXANS [FR]

Cited by

US2017126008A1; CN108666075A; CN104953609A; US10916947B2; WO2015148977A1

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)

BA ME

DOCDB simple family (publication)

EP 2690635 A1 20140129

DOCDB simple family (application)

EP 12178240 A 20120727