

Title (en)
ANODE STRUCTURE FOR AN OFFSHORE FOUNDATION, AND A METHOD OF REDUCING CORROSION IN AN OFFSHORE FOUNDATION

Title (de)
ANODENSTRUKTUR FÜR EIN OFFSHORE-FUNDAMENT, UND VERFAHREN ZUR VERRINGERUNG DER KORROSION IN EINEM OFFSHORE-FUNDAMENT

Title (fr)
STRUCTURE D'ANODE POUR FONDATION OFFSHORE, ET PROCÉDÉ DE RÉDUCTION DE LA CORROSION DANS UNE FONDATION OFFSHORE

Publication
EP 3594411 A3 20200122 (EN)

Application
EP 19205690 A 20191028

Priority
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Abstract (en)
An anode structure (1) for connection to an offshore foundation. The body (2) of the offshore foundation has an anticorrosion coated surface region (7) and an exposed surface region (8) without an anticorrosion coating. The anode structure (1) comprises one or more anode elements (5) formed of a material having a more negative electrode potential than the body of the offshore foundation, and an electrically conductive frame (3,4,6) for supporting the one or more anode elements (5). When the frame is attached to the offshore foundation (2), one or more electrical contact formations (9) provided on the frame contact the exposed surface region (8).

IPC 8 full level
E02B 17/00 (2006.01)

CPC (source: EP)
E02B 17/0026 (2013.01)

Citation (search report)
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• [AD] EP 3483342 A1 20190515 - GEOSEA NV [BE]
• [A] US 3719049 A 19730306 - SHAW C, et al
• [A] US 4609307 A 19860902 - GUY ARTHUR L [US], et al
• [XY] TURNIPSEED S P: "OFFSHORE PLATFORM CATHODIC PROTECTION RETROFITS", MATERIALS PERFORMANCE, NACE INTERNATIONAL, HOUSTON, TX, US, vol. 35, no. 10, 1 October 1996 (1996-10-01), pages 11 - 16, XP000636514, ISSN: 0094-1492

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CN113062365A; EP4184005A1

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