

Title (en)

Nodal point for the constructions of metallic tubes, especially for drilling platforms.

Title (de)

Verbindungsknoten für Konstruktionen aus Metallrohren, insbesondere für Bohrinseln.

Title (fr)

Noeud d'assemblage de structures métalliques tubulaires, notamment pour plates-formes de forage.

Publication

EP 0084485 A1 19830727 (FR)

Application

EP 83400066 A 19830112

Priority

FR 8200521 A 19820114

Abstract (en)

[origin: EP0084485B1] 1. Nodal point for the construction of metallic tubes, especially for drilling platforms, characterized in that it comprises, in the tubular element portion (10) on which are welded the tubes (12) constituent of the point of junction, at least one steel stiffening element, comprising a cylindrical main portion (16) coaxial with said tubular element and provided with annular ribs (18), said stiffening element being ferruled inside the tubular element (10) with a ferruling rate sufficient for preventing it from being disunited from the tubular element.

Abstract (fr)

Noeud d'assemblage de structures métalliques tubulaires, notamment pour plates-formes de forage, caractérisé en ce qu'il comporte, dans l'élément tubulaire (10) sur lequel sont soudés les tubes (12) constituant le noeud, au moins un élément raidisseur en acier, comportant une partie principale cylindrique (16) coaxiale audit élément tubulaire et munie de nervures annulaires (18), ledit élément raidisseur étant fretté dans l'élément tubulaire avec un taux de frettage suffisant pour empêcher sa désolidarisation de l'élément tubulaire.

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CPC (source: EP US)

E02B 17/0004 (2013.01 - EP US); **E04B 1/5837** (2013.01 - EP US)

Citation (search report)

- [A] US 3550384 A 19701229 - BARDGETTE JOHN J, et al
- [A] US 3134235 A 19640526 - PARKER LEON B, et al
- [A] DE 2626867 A1 19771229 - THYSSEN INDUSTRIE
- [A] PETROLEUM ENGINEER INTERNATIONAL, vol. 52, no. 6, mai 1980,

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