

Title (en)

THREADED JOINT WITH SHOULDER PRODUCED BY ADDITIVE MANUFACTURE

Title (de)

SCHRAUBVERBINDUNG MIT DURCH GENERATIVE FERTIGUNG HERGESTELLTER SCHULTER

Title (fr)

JOINT FILETE AVEC EPAULEMENT REALISE PAR FABRICATION ADDITIVE

Publication

EP 3994382 A1 20220511 (FR)

Application

EP 20735554 A 20200629

Priority

- FR 1907277 A 20190701
- EP 2020068251 W 20200629

Abstract (en)

[origin: WO2021001314A1] Disclosed is a tubular threaded joint (1) for drilling, operating hydrocarbon wells or transporting oil and gas, comprising a male threaded tubular element (2) and a female threaded tubular element (3), the female threaded tubular element (3) comprising a female inner threaded portion (5) and a female non-threaded portion (6), the male threaded tubular element comprising a male outer threaded portion (7) and a male non-threaded portion (8), characterised in that the male (2) or female (3) tubular element comprises a body (4) and a portion (9) added by additive manufacture that comprises at least one first abutment surface.

IPC 8 full level

F16L 15/00 (2006.01); **B33Y 10/00** (2015.01); **E21B 17/042** (2006.01); **F16L 15/08** (2006.01)

CPC (source: EP US)

E21B 17/042 (2013.01 - EP US); **F16L 15/004** (2013.01 - EP US); **F16L 15/08** (2013.01 - EP US); **Y02P 10/25** (2015.11 - EP)

Citation (search report)

See references of WO 2021001314A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3098272 A1 20210108; **FR 3098272 B1 20220722**; AR 119329 A1 20211209; BR 112021025552 A2 20220412; CN 114222880 A 20220322; EP 3994382 A1 20220511; MX 2021015618 A 20220411; US 2022243845 A1 20220804; WO 2021001314 A1 20210107

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