

Title (en)

PRODUCTION PIPE HAVING AN INTEGRATED HYDRAULIC LINE.

Title (de)

STEIGROHR MIT EINER INTEGRIERTEN HYDRAULISCHEN LEITUNG.

Title (fr)

TUBE DE PRODUCTION AVEC LIGNE HYDRAULIQUE INTEGREE.

Publication

EP 0489137 A1 19920610 (FR)

Application

EP 91911803 A 19910626

Priority

- FR 9008222 A 19900629
- FR 9100507 W 19910626

Abstract (en)

[origin: WO9200437A1] The production pipe includes at least one substantially tubular pipe element (26, 28) and a hydraulic line (24, 62). The pipe element (26, 28) is provided with a longitudinal groove (37, 38) for receiving the hydraulic line (24, 62).

Abstract (fr)

Tube de production comprenant au moins un élément de tube (26; 28) de forme sensiblement tubulaire, et une ligne hydraulique (24; 62) selon l'invention, l'élément de tube (26; 28) est pourvu d'une rainure longitudinale (37; 38) dans laquelle est disposée la ligne hydraulique (24; 62).

IPC 1-7

E21B 17/02; E21B 17/10; E21B 17/18; F16L 9/18; F16L 39/00

IPC 8 full level

E21B 17/02 (2006.01); **E21B 17/10** (2006.01); **E21B 17/18** (2006.01); **F16L 9/18** (2006.01); **F16L 39/00** (2006.01)

CPC (source: EP US)

E21B 17/1035 (2013.01 - EP US); **E21B 17/18** (2013.01 - EP US)

Citation (search report)

See references of WO 9200437A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9200437 A1 19920109; CA 2064838 A1 19911230; CA 2064838 C 20020507; DE 69101624 D1 19940511; DE 69101624 T2 19940929; EP 0489137 A1 19920610; EP 0489137 B1 19940406; FR 2663978 A1 19920103; FR 2663978 B1 19951215; JP H06509404 A 19941020; NO 178836 B 19960304; NO 178836 C 19960612; NO 920802 D0 19920228; NO 920802 L 19920228; OA 09536 A 19921115; US 5217071 A 19930608

DOCDB simple family (application)

FR 9100507 W 19910626; CA 2064838 A 19910626; DE 69101624 T 19910626; EP 91911803 A 19910626; FR 9008222 A 19900629; JP 51138191 A 19910626; NO 920802 A 19920228; OA 60156 A 19920228; US 83822592 A 19920406