

Title (en)

PRODUCTION TUBING STRING FOR DEEP WELLS

Publication

EP 0284780 B1 19920108 (DE)

Application

EP 88102812 A 19880225

Priority

DE 3706377 A 19870227

Abstract (en)

[origin: EP0284780A2] A production tubing string (1) which can be inserted into the bore hole (2) of a deep well and is intended for delivering pumpable media from the bore hole (2) comprises, at its bottom end, a delivery pump (3), in particular a Moineau pump, consisting of a stator (4) and a rotor (7), and also a separate drive linkage (8) for the rotor (7), which drive linkage (8) is connected to a drive motor (10) arranged at the top end of the production tubing string (1). In this arrangement, the stator (4) and the rotor (7) form a pump unit (3) which can be moved as one by means of the drive linkage (8) for the rotor (7) into the production tubing string (1) into an operating position at its lower end and can be pulled up out of the operating position, and, in the operating position of the pump unit (3), the housing (5) of the stator (4) in the production tubing string (1) is sealed off from the latter and secured against rotation. <IMAGE>

IPC 1-7

E21B 23/02; E21B 43/00; F04C 11/00

IPC 8 full level

E21B 23/02 (2006.01); **E21B 43/00** (2006.01); **E21B 43/12** (2006.01); **F04C 11/00** (2006.01); **F04C 13/00** (2006.01)

CPC (source: EP US)

E21B 23/02 (2013.01 - EP); **E21B 43/121** (2013.01 - EP US); **F04C 13/008** (2013.01 - EP)

Cited by

DE102014102126A1; US6457958B1; WO0198660A3

Designated contracting state (EPC)

AT BE FR GB NL

DOCDB simple family (publication)

EP 0284780 A2 19881005; EP 0284780 A3 19891011; EP 0284780 B1 19920108; AT E71429 T1 19920115; DE 3706377 C1 19880908

DOCDB simple family (application)

EP 88102812 A 19880225; AT 88102812 T 19880225; DE 3706377 A 19870227