

Title (en)

DEVICE FOR REMOTELY OPERATING AN ASSEMBLY COMPRISING A BEAN/NEEDLE SYSTEM, AND USE THEREOF IN A DRILL STRING

Title (de)

FERNBETÄIGUNGSVORRICHTUNG MIT EINEM DÜSENNADELSYSTEM UND DESSEN VERWENDUNG IN EINEM BOHRSTRANG

Title (fr)

DISPOSITIF D'ACTIONNEMENT A DISTANCE D'UN EQUIPEMENT COMPORTANT UN SYSTEME DUSE/AIGUILLE ET SON APPLICATION A UNE GARNITURE DE FORAGE

Publication

EP 0516806 B1 19951220 (FR)

Application

EP 92902426 A 19911206

Priority

- FR 9016257 A 19901221
- FR 9100976 W 19911206

Abstract (en)

[origin: FR2670824A1] A device is provided for remotely operating an assembly by varying the flow of an optionally incompressible fluid. The device comprises means (17) for coupling the device to the assembly to be operated, and a set of two elements (4, 5; 10, 11; 20, 24) which co-operate to control the opening value of the fluid flow channel. Said device is characterized in that a control assembly (8) sets the opening value at either one of two specific values.

IPC 1-7

F15B 15/00; E21B 23/04; E21B 7/06; E21B 17/10

IPC 8 full level

E21B 7/06 (2006.01); **E21B 17/10** (2006.01); **E21B 23/00** (2006.01); **E21B 23/04** (2006.01); **E21B 47/18** (2012.01); **F15B 15/00** (2006.01);
F15B 15/02 (2006.01)

CPC (source: EP US)

E21B 7/06 (2013.01 - EP US); **E21B 7/067** (2013.01 - EP US); **E21B 17/1014** (2013.01 - EP US); **E21B 23/006** (2013.01 - EP US);
E21B 47/18 (2013.01 - EP US); **E21B 47/24** (2020.05 - EP US); **F15B 15/00** (2013.01 - EP US); **F15B 15/02** (2013.01 - EP US)

Designated contracting state (EPC)

GB IT NL

DOCDB simple family (publication)

FR 2670824 A1 19920626; FR 2670824 B1 19970124; CA 2076026 A1 19920622; CA 2076026 C 20020122; EP 0516806 A1 19921209;
EP 0516806 B1 19951220; NO 303548 B1 19980727; NO 923268 D0 19920820; NO 923268 L 19921021; US 5392867 A 19950228;
WO 9211461 A1 19920709

DOCDB simple family (application)

FR 9016257 A 19901221; CA 2076026 A 19911206; EP 92902426 A 19911206; FR 9100976 W 19911206; NO 923268 A 19920820;
US 92048692 A 19921020