

Title (en)

CONTROLLED DIRECTIONAL DRILLING ASSEMBLY WITH A VARIABLE-ANGLE ELBOW ELEMENT, AND ITS USE

Publication

EP 0377373 B1 19930804 (FR)

Application

EP 89403565 A 19891219

Priority

FR 8817598 A 19881230

Abstract (en)

[origin: EP0377373A1] The present invention relates to a controlled directional drilling assembly. This assembly comprises a bottom motor (36), a drilling tool (35), at least one stabiliser (38) and a remote-controlled variable-angle elbow element (37). <IMAGE>

IPC 1-7

E21B 7/06

IPC 8 full level

E21B 7/06 (2006.01); **E21B 7/08** (2006.01); **E21B 17/10** (2006.01)

CPC (source: EP US)

E21B 7/067 (2013.01 - EP US); **E21B 7/068** (2013.01 - EP US); **E21B 17/1014** (2013.01 - EP US)

Cited by

EP0497420A1; GB2258875B; RU2722090C1; US6467557B1; WO9958807A1; US6708783B2; US6942044B2

Designated contracting state (EPC)

GB IT NL

DOCDB simple family (publication)

EP 0377373 A1 19900711; **EP 0377373 B1 19930804**; CA 2006927 A1 19900630; CA 2006927 C 19991005; FR 2641316 A1 19900706; FR 2641316 B1 19950908; NO 301783 B1 19971208; NO 895303 D0 19891228; NO 895303 L 19900702; US 5273123 A 19931228

DOCDB simple family (application)

EP 89403565 A 19891219; CA 2006927 A 19891229; FR 8817598 A 19881230; NO 895303 A 19891228; US 45928589 A 19891229