

Title (en)
Steering device for a directional drilling tool

Title (de)
Steuergerät für ein Richtbohrwerkzeug

Title (fr)
Dispositif de contrôle pour un outil de forage directionnel

Publication
EP 0811745 B1 20020904 (DE)

Application
EP 96109136 A 19960607

Priority
EP 96109136 A 19960607

Abstract (en)
[origin: EP0811745A1] A steering unit for a drilling tool used especially with a wrapped-tubing drillstring. Its tubular outer casing (1) accepts: an orientation device (4), measurement and control unit (6), measurement section (7), electronic signal processing section (8) and control section (9). A first external casing section is connected to the borehole end of the drilling line by a connecting section (10). There is a second external casing section (3) immediately axially adjacent to the first (2), with a bearing section (18) permitting rotation about the long central axis (21). The orientation device (4) can be rotated through the first external housing section (2) and has a section (17) connecting to the directed drilling tool.

IPC 1-7
E21B 7/06; **E21B 47/01**

IPC 8 full level
E21B 7/06 (2006.01); **E21B 47/01** (2012.01)

CPC (source: EP US)
E21B 7/06 (2013.01 - EP US); **E21B 7/067** (2013.01 - EP US); **E21B 47/01** (2013.01 - EP US)

Cited by
EP0787886A3; EP1245783A3; CN102162336A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0811745 A1 19971210; **EP 0811745 B1 20020904**; CA 2206926 A1 19971207; CA 2206926 C 20070821; DE 59609624 D1 20021010; NO 311698 B1 20020107; NO 972628 D0 19970606; NO 972628 L 19971208; US 5934383 A 19990810

DOCDB simple family (application)
EP 96109136 A 19960607; CA 2206926 A 19970604; DE 59609624 T 19960607; NO 972628 A 19970606; US 87033897 A 19970606