

Title (en)

Device for steering a drill string

Title (de)

Vorrichtung zur Steuerung eines Bohrgestänges

Title (fr)

Dispositif pour diriger un train de tiges

Publication

EP 0893571 B1 20031105 (DE)

Application

EP 98113448 A 19980718

Priority

DE 19731517 A 19970723

Abstract (en)

[origin: EP0893571A2] The device controls a drill string, having a surrounding outer string with an eccentric guide engaging the drill string at the drill head-facing end. It comprises a control housing (4) which has a guide groove (5) for engaging a guide pin (6) and that is eccentrically and rotatably mounted in the outer string (3) such that drill string (1) guidance is altered by axial displacement of the outer string.

IPC 1-7

E21B 7/08

IPC 8 full level

E21B 7/06 (2006.01); **E21B 7/08** (2006.01); **E21B 7/20** (2006.01); **E21B 21/12** (2006.01); **E21B 41/00** (2006.01)

CPC (source: EP US)

E21B 7/06 (2013.01 - EP); **E21B 7/20** (2013.01 - EP); **E21B 17/07** (2013.01 - EP US); **E21B 21/12** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

EP 0893571 A2 19990127; **EP 0893571 A3 19991013**; **EP 0893571 B1 20031105**; AT E253683 T1 20031115; DE 19731517 C1 19990211; DE 59810062 D1 20031211

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