

Title (en)

Control of drilling courses in the drilling of bore holes.

Title (de)

Vorrichtung zum Steuern der Bohrrichtung während des Bohrens eines Bohrloches.

Title (fr)

Commande de la trajectoire de forage en cours du forage d'un puits.

Publication

EP 0209318 A2 19870121 (EN)

Application

EP 86305285 A 19860709

Priority

GB 8517749 A 19850713

Abstract (en)

Drilling apparatus comprises a drill collar (10), a drill bit (12), two spaced stabilisers (16, 18), which act to locate the drill collar (10) within a bore hole (14) being drilled, and a control stabiliser (20) for applying a controlled lateral force or displacement to the drill collar in order to deflect the latter between the spaced stabilisers. Sensing means sense the actual drilling course and the latter is compared with a predetermined required drilling course stored in information storage means, the resulting error signal being used to govern operation of the control stabiliser (20).

IPC 1-7

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IPC 8 full level

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

CPC (source: EP)

E21B 7/062 (2013.01); **E21B 17/1014** (2013.01)

Cited by

EP0594418A1; EP1024245A3; CN113404429A; AT501933A1; GB2411190A; GB2411190B; FR2817905A1; US6467557B1; WO9007625A1; WO0129371A1; US8590636B2; US7445060B2; FR2817903A1; WO0246567A1; WO2004048745A1; US6290003B1; US6470974B1; US6708783B2; US6942044B2

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