

Title (en)

DEVICE FOR OPTIONALLY DRILLING UNDER-GROUND FORMATIONS, STRAIGHT OR DIRECTIONALLY

Publication

EP 0162190 B1 19891206 (DE)

Application

EP 85100936 A 19850130

Priority

DE 3403239 A 19840131

Abstract (en)

[origin: US4610307A] A device for use in underground drilling comprising: a tubular housing, a down-hole motor mounted within the housing and having an output shaft, means for connecting said output shaft to a drill bit, means for connecting said housing to a drill string, first and second stabilizers mounted on said housing, said first stabilizer being mounted nearer than the second stabilizer to the output shaft connecting means, at least one of said stabilizers being an eccentric stabilizer, and at least one stress relieving means between the first stabilizer and the means for connecting the housing to the drill string.

IPC 1-7

E21B 7/06; **E21B 7/10**; **E21B 7/20**

IPC 8 full level

E21B 4/00 (2006.01); **E21B 7/06** (2006.01); **E21B 7/10** (2006.01); **E21B 17/10** (2006.01); **E21B 17/20** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (application)

DE 3403239 A 19840131; AU 3777185 A 19850118; CA 473135 A 19850130; EP 85100936 A 19850130; JP 1112085 A 19850125; US 81089585 A 19851218