

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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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