

Title (en)

Borehole devices disarmed by fluid pressure.

Title (de)

Durch Fluidumdruck entschärfte Bohrlochvorrichtung.

Title (fr)

Dispositif de puits de forage désarmé par pression de fluide.

Publication

EP 0184377 A2 19860611 (EN)

Application

EP 85308616 A 19851127

Priority

US 67516384 A 19841127

Abstract (en)

An apparatus (10) for actuating an explosive device downhole in a borehole includes a mechanism for actuating the explosive device in response to a stimulus, and means for disarming the actuating means in response to the application of fluid pressure thereto. The actuating means can be actuated by a pressure differential across a piston (122) causing movement thereof and of rod (120) to release firing pin (86). In such case, the disarming means includes a valved port (232) operable by sliding movement of sleeve 64 to equalize pressure across piston (122). Sleeve 64 is movable in response to certain pressure conditions.

IPC 1-7

E21B 43/116

IPC 8 full level

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CPC (source: EP)

E21B 43/116 (2013.01); **E21B 43/11852** (2013.01)

Cited by

CN102536177A; US4924952A; US5167282A; GB2209584A; GB2209584B; CN103089202A; WO8707925A1; WO9001103A1

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