

Title (en)

Device and method for underreaming a borehole.

Title (de)

Vorrichtung und Verfahren zur Herstellung einer Hinterschneidung in einem Bohrloch.

Title (fr)

Dispositif et procédé pour l'alésage d'un trou de forage.

Publication

**EP 0298537 A2 19890111 (EN)**

Application

**EP 88201228 A 19880615**

Priority

GB 8714921 A 19870625

Abstract (en)

A borehole underreamer device comprises a downhole motor having a rotor part which carries by means of a pivot (2) an elongate clapper body (1) in which a series of abrasive teeth (8) are embedded. In use the device is pulled in upward direction through the borehole while the clapper body describes an orbital motion inside the borehole thereby forcing the teeth to penetrate into the surrounding side wall of the borehole so as to underream the hole.

IPC 1-7

**E21B 4/02**; **E21B 4/18**; **E21B 7/28**; **E21B 10/32**; **E21B 10/46**; **E21B 10/60**; **E21B 44/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

CN116427853A; GB2462306A; GB2462306B; EP0517603A1; FR2677402A1; US8899339B2; WO2015142333A1; US9587442B2; US11753748B2; US11753747B2

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