

Title (en)
DEVICE AND METHOD FOR UNDERREAMING A BOREHOLE

Publication
EP 0298537 B1 19921202 (EN)

Application
EP 88201228 A 19880615

Priority
GB 8714921 A 19870625

Abstract (en)
[origin: EP0298537A2] 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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E21B 4/18 (2013.01); **E21B 7/28** (2013.01); **E21B 10/32** (2013.01); **E21B 10/46** (2013.01); **E21B 10/60** (2013.01); **E21B 44/005** (2013.01)

Citation (examination)
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