

Title (en)
EARTH BORING APPARATUS

Publication
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Application
EP 83304298 A 19830725

Priority
• US 40161382 A 19820726
• US 47143083 A 19830302
• US 47143783 A 19830302

Abstract (en)
[origin: EP0100230A2] Apparatus for forming a bore hole in an underground formation including a guide pipe (30, 32) with a fluid seal and a tube (34) sealed with the seal and terminating in a drillhead (36) with at least one fluid exit port. The tube moves out the exit end of the guide pipe into the formation under hydraulic pressure applied against the drillhead. Preferably, the bottom of the guide tube includes a whipstock (30a, 32a) to turn the drillhead, preferably from a vertical to a horizontal direction, to form a radial. The whipstock may be stationary or may be extendible.

IPC 1-7
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IPC 8 full level
E21B 7/06 (2006.01); **E21B 7/08** (2006.01); **E21B 7/18** (2006.01); **E21B 17/042** (2006.01); **E21B 17/07** (2006.01); **E21B 36/00** (2006.01); **E21B 43/28** (2006.01); **E21B 44/00** (2006.01)

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Cited by
GB2194183A; EP0227456A3; WO0058599A1; WO9532353A1; US10995563B2; US11136837B2

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