

Title (en)  
Directional drilling method

Title (de)  
Verfahren zum Richtungsbohren

Title (fr)  
Procédé de forage directionnel

Publication  
**EP 0798443 B1 20030226 (DE)**

Application  
**EP 97104675 A 19970319**

Priority  
DE 19612902 A 19960330

Abstract (en)  
[origin: EP0798443A2] The boring machine bores via a remote controlled boring head (4). This is driven by concentric pipes with jointed sections (1). The rotation of the boring head is controlled to generate either straight line boring or curves. The latter are generated by varying the rotational speed. The boring head has water sprays and an eccentric cutting head. The bore obtained is smooth sided and has smooth curves. For straight line boring a constant drive speed is used.

IPC 1-7  
**E21B 7/06**; **E21B 17/18**

IPC 8 full level  
**E21B 7/00** (2006.01); **E21B 7/06** (2006.01); **E21B 17/18** (2006.01)

CPC (source: EP US)  
**E21B 7/005** (2013.01 - EP US); **E21B 7/06** (2013.01 - EP US); **E21B 7/064** (2013.01 - EP US); **E21B 7/067** (2013.01 - EP US);  
**E21B 7/068** (2013.01 - EP US); **E21B 17/18** (2013.01 - EP US)

Citation (examination)  
US 5305838 A 19940426 - PAUC ANDRE [FR]

Cited by  
GB2313392B; EP2202382A3; AU741468B2; CN1119499C; US8881844B2; WO2015197828A1; WO03001021A1; WO9964715A1; EP2229498B1;  
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Designated contracting state (EPC)  
AT CH DE FR GB LI SE

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