

Title (en)

Drill bit with improved steerability.

Title (de)

Bohrmeissel mit Führungsmöglichkeiten.

Title (fr)

Trépan avec possibilités de guidage.

Publication

EP 0325272 A2 19890726 (EN)

Application

EP 89100960 A 19890120

Priority

US 14629088 A 19880120

Abstract (en)

A drill bit offering improved steerability. Drill bits include gage sections which are adapted to facilitate deflection of the bits within a borehole to facilitate navigational or directional drilling. The gage portions of the bit may be arranged in an arcuate path around a portion of the periphery of the bit. Also, the bit portions may be spaced and adapted to serve, at least in part, as fulcrums, to facilitate deflection of the bit and the bringing of gage cutting portions of the bit in contact with the sidewalls of the borehole.

IPC 1-7

E21B 7/06; **E21B 10/46**; **E21B 17/10**

IPC 8 full level

E21B 7/06 (2006.01); **E21B 10/46** (2006.01); **E21B 17/10** (2006.01)

CPC (source: EP)

E21B 7/064 (2013.01); **E21B 10/46** (2013.01); **E21B 17/1092** (2013.01)

Cited by

FR2751372A1; FR2743843A1; US5161167A; BE1012751A5; WO9727379A1

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