

Title (en)
Rock drill bit.

Title (de)
Gesteinsbohrer.

Title (fr)
Trépan de roche.

Publication
EP 0226537 B1 19940608 (DE)

Application
EP 86810551 A 19861201

Priority
DE 3544433 A 19851216

Abstract (en)
[origin: US4765419A] An axially elongated rock drill includes an axially extending shank and a drill head on one end of the shank. The drill head has a drill face extending transversely of the axial direction of the rock drill. A hard metal cutting plate and hard metal cutting pins are set in the drill face. The cutting pins reduce the wear on the cutting plate and afford better support of the drill. The cutting pins are arranged, in part, parallel to the axis of the drill, and, in part, inclined to the drill axis. The cutting plate has a cutting edge which generates a cutting plane as the drill is rotated with the ends of the cutting pins projecting from the drill face being located in the generated cutting plane.

IPC 1-7
E21B 10/58; **E21B 10/56**; **E21B 10/44**

IPC 8 full level
E21B 10/46 (2006.01); **E21B 10/44** (2006.01); **E21B 10/56** (2006.01); **E21B 10/58** (2006.01); **E21C 35/18** (2006.01)

CPC (source: EP US)
E21B 10/445 (2013.01 - EP US); **E21B 10/56** (2013.01 - EP US); **E21B 10/58** (2013.01 - EP US)

Cited by
DE10351183A1; EP0322554A1; US4883135A; EP0778390A3; FR2610553A1

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AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
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