

Title (en)

Drill bits utilizing polycrystalline diamond grit.

Title (de)

Bohrmeissel mit polykristallinem Diamantsand.

Title (fr)

Tête de forage avec sable polycristallin de diamant.

Publication

EP 0370199 A1 19900530 (EN)

Application

EP 89117669 A 19890925

Priority

US 26291088 A 19881025

Abstract (en)

The present invention provides impregnated and surface set rotary drill bits wherein the cutting elements are thermally stable, mesh size polycrystalline diamond abrasive grit of from about 1 micron to about 2000 microns. Such drill bits can be used to drill a broader range of geological formations than could be drilled with prior art single crystal of polycrystalline diamond compact containing drill bits.

IPC 1-7

E21B 10/46

IPC 8 full level

E21B 10/46 (2006.01)

CPC (source: EP)

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Citation (search report)

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