

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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