

Title (en)

Rock bit with wear resistant inserts.

Title (de)

Gesteinsbohrer mit verschleissbeständigen Einsätzen.

Title (fr)

Tête de forage pourvue d'éléments résistant à l'usure.

Publication

EP 0219959 A2 19870429 (EN)

Application

EP 86306897 A 19860905

Priority

US 78912085 A 19851018

Abstract (en)

A rock bit has three cones with tungsten carbide inserts in the cutting structure of each cone. The gage row inserts have a layer of polycrystalline diamond on the converging portion protruding from the surface of the cone. One or more transition layers are provided between the tungsten carbide insert body and the polycrystalline diamond layer. Such a transition layer comprises diamond and precemented tungsten carbide.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

B22F 7/06 (2013.01 - EP); **C22C 26/00** (2013.01 - EP); **E21B 10/52** (2013.01 - EP); **E21B 10/5673** (2013.01 - EP US);
E21B 10/5735 (2013.01 - EP US); **B22F 2998/00** (2013.01 - EP)

Cited by

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