

Title (en)

CUTTING STRUCTURE AND ROTARY DRILL BIT COMPRISING SUCH A STRUCTURE

Publication

EP 0291314 A3 19890920 (EN)

Application

EP 88304325 A 19880512

Priority

GB 8711255 A 19870513

Abstract (en)

[origin: EP0291314A2] A cutting structure, for use in a rotary drill bit for drilling or coring holes in subsurface formations, comprises an elongate stud 17 of hard material, such as cemented tungsten carbide, there being at least partly embedded in the stud, at one end thereof, one or more thermally stable polycrystalline diamond cutting elements 14, 15, 16. The diamond elements, which may be in the form of small rectangular blocks or cylinders, are bonded into the stud by a hot pressing or an infiltration process.

IPC 1-7

E21B 10/56; **B22F 7/06**

IPC 8 full level

B22F 7/06 (2006.01); **E21B 10/56** (2006.01); **E21B 10/567** (2006.01)

CPC (source: EP US)

B22F 7/06 (2013.01 - EP); **E21B 10/567** (2013.01 - EP US)

Citation (search report)

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