

Title (en)

Core drills with wear protection

Title (de)

Hohlbohrer mit Verschleisschutz

Title (fr)

Trépan avec protection contre l'usure

Publication

EP 1304199 A1 20030423 (EN)

Application

EP 01308858 A 20011018

Priority

EP 01308858 A 20011018

Abstract (en)

A core-cutting tool (1), having a support body (3) having connection means (4), for connection to drive means. The tool has an annulus of cutting elements (2) arranged on one of its ends. The tool also has at least one abrasive element (5), arranged normal to the side wall of the tool and which does not extend radially beyond the outer edges of the annulus. When the core-cutting tool jams or snags during its operation, the tool is cut free by the abrasive element(s), thereby reducing the chances of accidents due to tool jamming. <IMAGE>

IPC 1-7

B28D 1/04

IPC 8 full level

B28D 1/04 (2006.01)

CPC (source: EP)

B28D 1/041 (2013.01)

Citation (search report)

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- [X] US 3848687 A 19741119 - FUNAKUBO T
- [X] JP S50146988 A 19751125
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- [X] BE 472575 A
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08 6 October 2000 (2000-10-06)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 015, no. 386 (M - 1163) 30 September 1991 (1991-09-30)

Cited by

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Designated contracting state (EPC)

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