

Title (en)
HOLLOW DRILL.

Title (de)
HOHLBOHRER.

Title (fr)
FLEURET CREUX.

Publication
EP 0477253 A4 19920729 (DE)

Application
EP 90909564 A 19900613

Priority
AT 145089 A 19890614

Abstract (en)
[origin: WO9015683A1] A hollow drill with a support tube (1) and a cutter ring (4) or cutter segments (3), preferably with diamond as the abrasive and a metal binder. Between the cutter ring (4) or segments (3) and the support tube (1) is fitted a steel ring (2) which is designed as a gauge ring of which at least a part of the height and circumference have the same outside diameter as the cutter ring (4) or the cutter ring defined by the cutter segments (3). The steel ring (2) is made of hardenable steel or a high-tensile alloy.

IPC 1-7
B23B 51/04; B28D 1/14

IPC 8 full level
B23D 61/02 (2006.01); **B24D 7/18** (2006.01); **B28D 1/04** (2006.01)

CPC (source: EP)
B23D 61/025 (2013.01); **B24D 7/18** (2013.01); **B28D 1/041** (2013.01)

Citation (search report)
See references of WO 9015683A1

Cited by
EP2745965A1; CN104955598A; EP2745964A1; CN104955597A; CN110593775A; EP2745966A1; CN104981311A; RU2630396C2; RU2630396C9; US10081062B2; US10201858B2; WO2014096359A1; WO2014096360A1; WO2014096366A1; US10201860B2; US10717137B2

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