

Title (en)

SHAFT TOOL AND ASSOCIATED COOLANT/LUBRICANT FEEDING POINT

Title (de)

SCHAFTWERKZEUG UND ZUGEHÖRIGE EINSPEISESTELLE VON KÜHL-/SCHMIERMITTEL

Title (fr)

OUTIL A QUEUE ET POINT D'INJECTION CORRESPONDANT POUR REFRIGERANT/LUBRIFIANT

Publication

EP 1675705 A2 20060705 (DE)

Application

EP 04790432 A 20041014

Priority

- EP 2004011576 W 20041014
- DE 10347755 A 20031014

Abstract (en)

[origin: WO2005037484A2] Disclosed is a shaft tool that is particularly suitable for coupling to an interface for a coolant/lubricant feeding point, especially the type used in minimal quantity lubrication. The inventive shaft tool comprises at least one generally eccentric and internal cooling duct that is provided with an orifice on the side facing away from a machining section. Said orifice is surrounded by a conical fitting area via which the shaft can be connected, e.g. within a chuck, to a coaxially disposed supply part providing minimal quantity lubrication.

IPC 1-7

B23Q 11/10

IPC 8 full level

B23B 51/06 (2006.01); **B23D 77/00** (2006.01); **B23Q 11/10** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2005037484A2

Citation (examination)

- EP 0283698 B1 19911106
- HAENLE P ET AL: "MMS-GERECHTE GESTALTUNG DES BOHRERSCHAFTES", 1 September 2003, WERKSTATT UND BETRIEB, CARL HANSER VERLAG GMBH & CO. KG, DE, PAGE(S) 54 - 56, ISSN: 0043-2792, XP001238409

Citation (third parties)

Third party :

- EP 0283698 A2 19880928 - GUEHRING GOTTLIEB FA [DE]
- HAENLE P; GSAENGER D: "MMS-GERECHTE GESTALTUNG DES BOHRERSCHAFTES", WERKSTATT UND BETRIEB, vol. 136, no. 9, September 2003 (2003-09-01), pages 54 - 56, XP001238409

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