

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 May 2006 (04.05.2006)

PCT

(10) International Publication Number
WO 2006/046227 A1

(51) International Patent Classification:
B23B 51/02 (2006.01)

(21) International Application Number:
PCT/IL2005/000999

(22) International Filing Date:
18 September 2005 (18.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
164888 28 October 2004 (28.10.2004) IL

(71) Applicant (for all designated States except US): **ISCAR LTD.** [IL/IL]; P.O. Box 11, 24959 Tefen (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HECHT, Gil** [IL/IL];
30/18 Ahad Ha'am Street, 22443 Nahariya (IL).

(74) Agent: **ISCAR LTD., PATENT DEPARTMENT;**
P.O.Box 11, 24959 Tefen (IL).

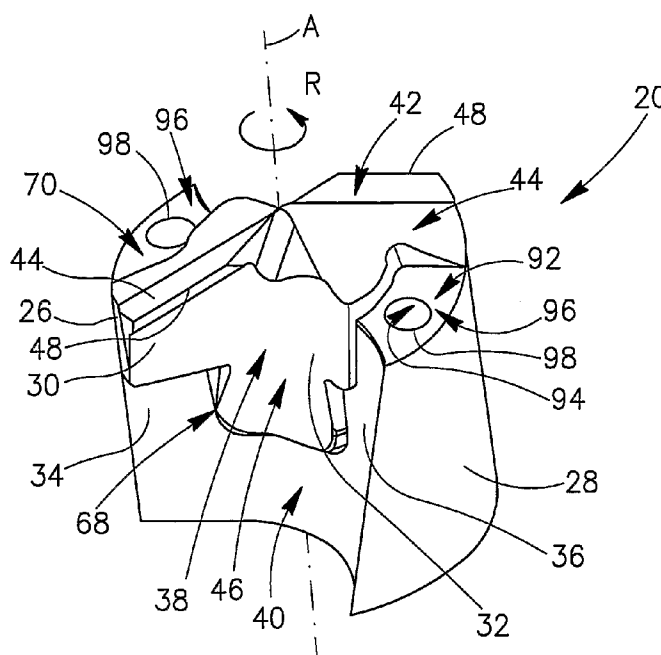
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CUTTING TOOL ASSEMBLY AND CUTTING HEAD THEREFOR



(57) Abstract: A rotary cutting tool has a solid cutting head removably secured to a shank. The cutting head has a cutting portion adjacent a cutting head front face and a mounting portion integrally formed therewith and extending rearwardly therefrom. The shank has a receiving portion extending rearwardly from a shank front face. When the cutting head is secured to the shank, the mounting portion is received in the receiving portion, and the shank front face is forwardly exposed and adjacent the cutting head front face.

WO 2006/046227 A1