

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/094293 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2005/010293

(22) International Filing Date: 28 March 2005 (28.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/556,962 26 March 2004 (26.03.2004) US

(71) Applicant (for all designated States except US): VIC-
TAULIC COMPANY OF AMERICA [US/US]; 4901
Kesslersville Road, Easton, PA 18040 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DOLE, Douglas, R.
[US/US]; 9 Minsi Road, Whitehouse Station, NJ 08889
(US).

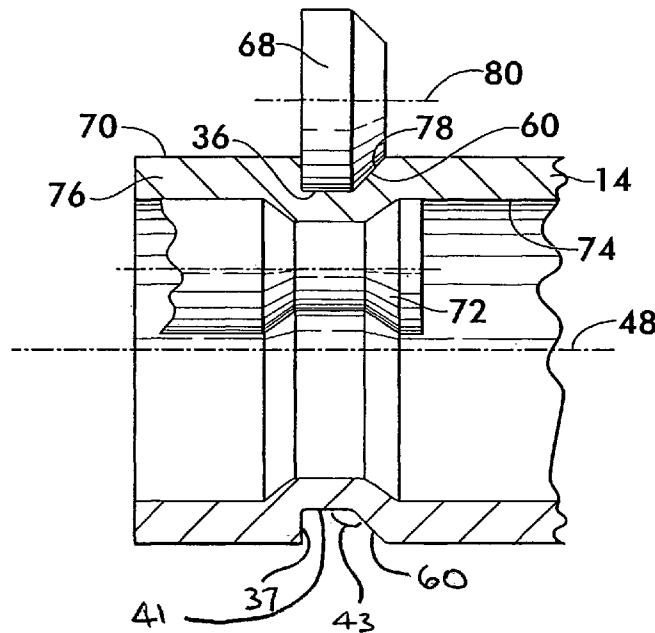
(74) Agent: CHIONCHIO, John, A.; Synnestvedt & Lechner
LLP, 2600 Aramark Tower, 1101 Market Street, Philadel-
phia, PA 19107-2950 (US).

(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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, 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, 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).

[Continued on next page]

(54) Title: ROLLER TOOL FOR FORMING GROOVES IN PIPES



(57) Abstract: A roller tool for forming circumferential grooves around a pipe is disclosed. The tool is rotatable about an axis of rotation and has a circumferential surface engageable with a pipe. The tool surface includes first and second surface portions positioned in spaced relation and oriented perpendicularly to the axis of rotation. A radial surface portion extends between the first and second a surface portions and is oriented substantially parallel to the axis of rotation. An angled surface portion is positioned adjacent to the second surface portion. The angled surface portion is oriented at an angle up to about 70° and slopes away from the second surface portion.

WO 2005/094293 A2



Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *without international search report and to be republished
upon receipt of that 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.