

(19) World Intellectual Property Organization
International Bureau



PCT



(43) International Publication Date
23 November 2006 (23.11.2006)

(10) International Publication Number
WO 2006/124046 A3

(51) International Patent Classification:
G01D 21/00 (2006.01)

(21) International Application Number:
PCT/US2005/028685

(22) International Filing Date: 11 August 2005 (11.08.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/130,338 16 May 2005 (16.05.2005) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 11/130,338 (CON)
Filed on 16 May 2005 (16.05.2005)

(71) Applicant (for all designated States except US): **TENNECO AUTOMOTIVE OPERATING COMPANY, INC.** [US/US]; 500 North Field Drive, Lake Forest, Illinois 60045 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DEFERME, Stefan** [BE/BE]; Schurhovenveld 1420, B-3800 Sint-Truiden (BE). **BERVOETS, Patrick** [BE/BE]; Passestraat 20B, B-3840 Borgloon (BE).

(74) Agents: **MILLER, H., Keith** et al.; Harness, Dicket & Pierce PLC, P. O. Box 828, Bloomfield Hills, MI 48303 (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, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, 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, 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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
9 August 2007

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: MEASUREMENT DEVICE FOR A SUPPORT LAND FOR A VALVE DISC

(57) Abstract: A measuring tool (200) is designed to measure the relationship between an inner hub land (106) and an outer land (104) for a valve body (120). A locating face (212) engages the inner hub land (106) such that the measurements are taken with respect to the inner hub land (106). A probe (218) is designed to engage the outer land (104). By rotating the valve body (120), the entire circumference of the outer land (104) can be measured in relation to the inner hub land (106).

WO 2006/124046 A3