

15 Ju 02
2002042877

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

REVISED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 June 2001 (21.06.2001)

PCT

(10) International Publication Number
WO 01/044750 A1

(51) International Patent Classification⁷: G01B 7/14, F02D 15/04

(21) International Application Number: PCT/SE00/02528

(22) International Filing Date:
14 December 2000 (14.12.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
9904554-4 14 December 1999 (14.12.1999) SE

(71) Applicants and

(72) Inventors: JONSSON, Berth [SE/SE]; Stråtenbo 470, S-791 94 Falun (SE). JONSSON, Jonas [SE/SE]; Stråtenbo 470, S-791 94 Falun (SE).

(74) Agent: FRÖDERBERG, Oskar; Dr Ludwig Brann Patentbyrå AB, P.O. Box 17192, S-104 62 Stockholm (SE).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

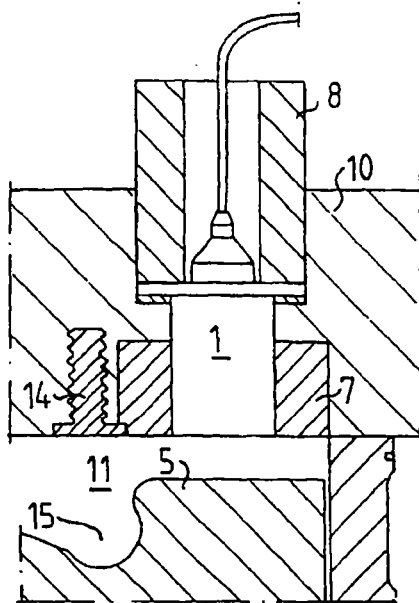
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the revised international search report:
4 July 2002

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR DETERMINING AND ADJUSTING THE UPPER DEAD-CENTRE POSITION IN PISTON ENGINES

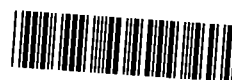
(57) Abstract: A device for determining and adjusting the upper dead-centre position in piston engines, in which the position of the piston (5) is measured by means of an electrically operated sensor (1). The sensor (1) is an eddy-current sensor. The combustion chamber volume is adjusted by displacing the cylinder part in relation to the crankcase part.



WO 01/044750 A1



162162



ACTION

(15) Information about Correction:
see PCT Gazette No. 27/2002 of 4 July 2002, Section II

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.