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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
21 December 2007 (21.12.2007)

PCT

(10) International Publication Number
WO 2007/146927 A3

(51) International Patent Classification:
B62K 23/04 (2006.01) *B60L 7/16* (2006.01)

(21) International Application Number:
PCT/US2007/070980

(22) International Filing Date: 12 June 2007 (12.06.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/813,364 14 June 2006 (14.06.2006) US

(71) Applicant *(for all designated States except US)*: **VECTRIX CORPORATION** [US/US]; 11 Touro Street, Suite 201, Newport, Rhode Island 02840 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **DUGAS, David** [US/US]; 11 Timberline Drive, Mansfield, Massachusetts 02048 (US). **BLISS, Craig** [US/US]; 57 Rear Worcester Street, Taunton, Massachusetts 02780 (US). **HUGHES, Peter, S.** [US/US]; 41 Martha's Lane, South Harwich, Massachusetts 02661 (US).

(74) Agents: **FANUCCI, Allan, A.** et al.; WINSTON & STRAWN LLP, Patent Department, 1700 K Street, N.W., Washington, District Of Columbia 20006-3817 (US).

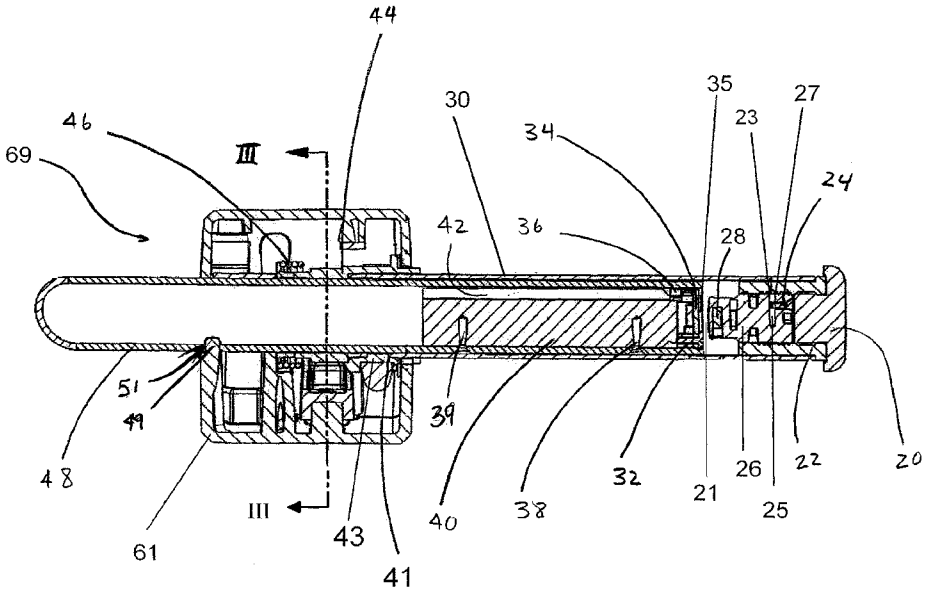
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, MT, 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*
— *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:
6 March 2008

(54) Title: CONTACTLESS THROTTLE CONTROL APPARATUS



(57) Abstract: A vehicle power control that includes a throttle mounting portion (69) and a throttle (30) that is movably mounted to the throttle mounting portion (69) and configured for manipulation and operation by a rider. The power control also includes a sensor (35) in contactless association with at least one of the throttle (30) and throttle mounting portion (69). The sensor (35) is configured for sensing a position of the throttle (30) with respect to the mounting portion (69), in the contactless association, and generating a signal based on the sensed position for controlling motive power of a vehicle.

WO 2007/146927 A3