PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : B60R 25/06, B60K 41/26 — A1

(11) International Publication Number: WO 99/08908

(43) International Publication Date: 25 February 1999 (25.02.99)

(21) International Application Number: PCT/IL98/00382

(22) International Filing Date: 13 August 1998 (13.08.98)

(30) Priority Data:
121559 15 August 1997 (15.08.97) IL

(71) Applicant *(for all designated States except US)*: GEAR PROTECTION LTD. [IL/IL]; Derech Ben Gurion 16, 52573 Ramat Gan (IL).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: VODA, Binyamin [IL/IL]; Pitchia Street 21, 66559 Tel Aviv (IL). DVILENSKY, Vladimir [IL/IL]; Sokolov Street 77, 62284 Tel Aviv (IL).

(74) Agents: COLB, Sanford, T. et al.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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), 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 the receipt of amendments.

(54) Title: GEAR LOCK

(57) Abstract

Apparatus for locking a gear assembly (12) of a vehicle, the apparatus for locking including apparatus (130) for lockably engaging a predetermined portion of the gear assembly (12), apparatus for selectably operating the apparatus for lockably engaging so as to lockably engage the predetermined portion of the gear assembly (12), characterized by the apparatus for lockably engaging including a shaft receiving portion (110) formed with an aperture which engages a shaft (104) of the gear assembly (12), wherein the shaft receiving portion (110) is provided with a ratched wheel (114) lockingly engageable by a pawl (116), the pawl (116) being actuable by the apparatus for selectably operating, such that when the pawl (116) is in a predetermined orientation with the ratched wheel (114), the shaft (104) cannot be rotated to operate the gear assembly (12).

