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(21) International Application Number: PCT/IT99/00237 (22) International Filing Date: 26 July 1999 (26.07.99) (30) Priority Data: RM98A000501 27 July 1998 (27.07.98) IT (71) Applicants (for all designated States except US): RICCOBONO, Dario [IT/IT]; Via Tevere, 4, I-90144 Palermo (IT). SALEMI, Paolo [IT/IT]; Via Vodice, 7, I-90145 Palermo (IT). (72) Inventor; and (75) Inventor/Applicant (for US only): CHANG SOO KIM, Buddy [KR/CA]; 109-3011 Underhill Avenue, Burnaby, British Columbia V5A 3C2 (CA). (74) Agent: SARPI, Maurizio; Via Collina, 36, I-00187 Roma (IT).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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 <i>With international search report.</i>
(54) Title: SUBMERSED DEVICE FOR REDUCING THE POLLUTING EMISSIONS AND SAVING ENERGY IN HYDROCARBON COMBUSTION VEHICLES (57) Abstract <p>A device submersed into the fuel tank of motor vehicles with liquid-hydrocarbon internal-combustion engines for reducing polluting emissions and saving energy, characterized in that there are generated, in combination, magnetic fields and far infrared electromagnetic waves which spread inside the fuel and interact with the molecules of the hydrocarbons and temporarily modify their structure so that they can be easily vaporized. This temporary modification of the hydrocarbons' molecular structure is obtained by energising said molecules through the energy associated to said far infrared rays under the action of said magnetic fields.</p> <div data-bbox="810 1243 1209 1541" data-label="Image"> </div>		