

Title (en)

METHOD FOR CORRECTING THE STRENGTH OF AN AIR-FUEL MIXTURE OF AN ELECTRONICALLY INJECTED INTERNAL-COMBUSTION ENGINE

Publication

EP 0264332 B1 19901219 (FR)

Application

EP 87402272 A 19871013

Priority

FR 8614252 A 19861014

Abstract (en)

[origin: US4815435A] Process for correcting the richness of an air-fuel mixture admitted into an internal combustion engine with electronic ignition of the pressure-speed type, to obtain a constant richness as a function of the air temperature entering the cylinders, wherein the correction is of the multiplicative type: $T_i = T_{in} (1 + (\alpha_{air})/256)$ $\alpha_{air} = f(T')$ $T' = T + k(T_{water} - T)$ $k = k_1(N) + k_2(P) + k_3$ wherein: α_{air} is term of correction of the richness as a function of the air temperature T' actually entering the cylinders; T is the temperature of the air measured by the injection computer; and T_{water} is the water temperature of the engine.

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IPC 8 full level

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DE19817788C2; US5983867A; DE19636451B4

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