

Title (en)

METHOD AND SYSTEM FOR STARTING COMBUSTION ENGINES

Title (de)

VERFAHREN UND ANLAGE ZUM ANLASSEN VON BRENNKRAFTMASCHINEN

Title (fr)

PROCEDE ET SYSTEME DE DEMARRAGE DE MOTEURS A COMBUSTION

Publication

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Application

EP 00927945 A 20000427

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Abstract (en)

[origin: WO0065217A1] The invention relates to a method and system for controlling fuel supply to a combustion engine (1) comprising at least two cylinders (4a...4d) during a start attempt. Injectors (13) for individual cylinders (4a...4d) are controlled such that the air-fuel ratio (A/F) obtained varies for each cylinder (4a...4d) by an amount DELTA f. The fuel injection to the cylinders (4a...4d) varies between the leanest air-fuel ratio and the richest air-fuel ratio practically feasible during starting. If the engine (1) does not start within a predetermined number of cycles an incremental increase (DELTA fSTEP) of the fuel supply is initiated for each predetermined number of cycles following thereafter.

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