

Title (en)

METHOD FOR INJECTING FUEL DURING THE START PHASE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM EINSPRITZEN VON KRAFTSTOFF WÄHREND DER STARTPHASE EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE D'INJECTION DE CARBURANT PENDANT LA PHASE DE DEMARRAGE D'UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 1336041 A1 20030820 (DE)**

Application

**EP 01996679 A 20011115**

Priority

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- DE 10056863 A 20001116

Abstract (en)

[origin: DE10056863C1] The fuel injection method uses a central control device (1) for controlling fuel pre-injection for the engine cylinders (7) by operation of the fuel injection valves (2) in a given serial sequence during the start phase, with subsequent switching to normal sequential fuel injection. The fuel quantity for the pre-injection is determined from the serial sequence and the expected air filling of each engine cylinder, e.g. the expected revs during the suction phase of the engine cylinder.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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