

Title (en)

METHOD OF PREHEATING INJECTORS OF INTERNAL COMBUSTION ENGINES

Title (de)

VERFAHREN ZUR VORWÄRMUNG VON EINSPRITZINJEKTOREN VON BRENNKRAFTMASCHINEN

Title (fr)

PROCÉDÉ DE PRÉCHAUFFAGE D'INJECTEURS DE MOTEURS À COMBUSTION INTERNE

Publication

EP 2002110 A1 20081217 (DE)

Application

EP 07701330 A 20070216

Priority

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Abstract (en)

[origin: WO2007112462A1] In a method and a device for preheating injectors (1), having at least one valve (3) which can be activated by an electromagnet (21), of internal combustion engines, in which the coil of the electromagnet (21) is energized before the engine is started, a preheating voltage (42) is periodically applied to the coil of the electromagnet (21), and the current characteristic (33) in the coil is monitored and evaluated in order to detect local current minima (43) and/or current maxima (44) caused by armature reactions.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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