

Title (en)

METHOD FOR SELECTIVELY CUTTING OFF INJECTION INTO ONE OR MORE CYLINDERS OF A COMBUSTION ENGINE AND CORRESPONDING MOTOR VEHICLE

Title (de)

VERFAHREN ZUM SELEKTIVEN ABSCHALTEN EINER EINSPRITZUNG IN EINEN ODER MEHRERE ZYLINDER EINES VERBRENNUNGSMOTORS UND ENTSPRECHENDES KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE COUPURE SÉLECTIVE DE L'INJECTION D'UN OU PLUSIEURS CYLINDRES D'UN MOTEUR THERMIQUE ET VÉHICULE AUTOMOBILE CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: WO2014087067A1] The invention relates chiefly to a method for managing engine torque by selectively cutting off injection into one or more cylinders of a controlled-ignition combustion engine. According to the invention, the method involves the step of determining a maximum number (Nmax) of cylinders for which the injection can permissibly be cut off, and as soon as at least one of the following safety problems: the reaching of an injection advance limit; a problem of injection; a malfunctioning of a double flywheel, is detected, the method further comprises the step of cutting off the injection to one of the cylinders, this step of cutting off the injection of one of the cylinders being able to be repeated up to the limit of the maximum number (Nmax) of cylinders injection to which can permissibly be cut off. Another subject of the invention is a motor vehicle equipped with an engine management computer able to run the method according to the invention.

IPC 8 full level

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