

Title (en)
METHOD FOR DETECTING CONTINUOUS INJECTION DURING THE OPERATION OF AN INTERNAL COMBUSTION ENGINE, INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM ERKENNEN EINER DAUEREINSPRITZUNG IM BETRIEB EINER BRENNKRAFTMASCHINE, EINSPRITZSYSTEM FÜR EINE BRENNKRAFTMASCHINE UND BRENNKRAFTMASCHINE

Title (fr)
PROCÉDÉ DE DÉTECTION D'UNE INJECTION CONTINUE LORS DU FONCTIONNEMENT D'UN MOTEUR À COMBUSTION INTERNE, SYSTÈME D'INJECTION POUR UN MOTEUR À COMBUSTION INTERNE ET MOTEUR À COMBUSTION INTERNE

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Abstract (en)
[origin: WO2016173689A1] A method for detecting continuous injection during the operation of an internal combustion engine (1) with an injection system (3) having a high-pressure accumulator (13) for a fuel is proposed, wherein – a high pressure in the injection system (3) is monitored as a function of time, wherein – in order to detect continuous injection it is checked whether the high pressure has dropped by a predetermined continuous injection differential pressure value (App) within a predetermined continuous injection time interval (At^Δ), wherein – it is checked whether a reduction valve which connects the high-pressure accumulator (13) to a fuel reservoir (7) has been triggered, wherein – continuous injection is detected if – a reduction valve has not been triggered in a predetermined checking time interval (Δt_M) before the dropping of the high pressure, and if – the high pressure has dropped by the predetermined continuous injection differential value amount (App) within the predetermined continuous injection time interval (At_i).

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