Title (en)

METHOD FOR MANAGING THE LIGHTOFF OF A POLLUTION-CONTROL CATALYTIC CONVERTER

Title (de)

VERFAHREN ZUR LIGHTOFF-VERWALTUNG EINES KATALYSATORS ZUR SCHADSTOFFKONTROLLE

Title (fr)

PROCEDE DE GESTION DE L'AMORCAGE D'UN CATALYSEUR DE DEPOLLUTION

Publication

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Application

EP 19726697 A 20190528

Priority

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Abstract (en)

[origin: WO2019229027A1] The invention relates to a method for managing the lightoff of a 3-way catalytic converter placed in an exhaust line of a petrol engine, said engine comprising cylinders each provided with at least one exhaust valve. The main characteristic of a method according to the invention is that it comprises the following steps: – a step of calculating the enthalpy H of the exhaust gases, making it possible to determine the amount of heat supplied to the catalytic converter, – a step of determining a threshold enthalpy value S that signals the lightoff of the catalytic converter, – a step of halting activation of the catalytic converter when the calculated value of the enthalpy H reaches the value of said threshold enthalpy S.

IPC 8 full level

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Citation (search report)

See references of WO 2019229027A1

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