

Title (en)

METHOD FOR REGULATING THE MIXTURE OF A MULTICYLINDER OTTO ENGINE COMPRISING CYLINDER-SPECIFIC INDIVIDUAL CATALYTIC CONVERTERS AND A JOINT MAIN CATALYTIC CONVERTER MOUNTED DOWNSTREAM OF THE INDIVIDUAL CATALYTIC CONVERTERS

Title (de)

VERFAHREN ZUR GEMISCHREGELUNG EINER OTTO-MEHRZYLINDER-BRENN-KRAFTMASCHINE MIT ZYLINDERBEZOGENEN EINZELKATALYSATOREN UND EINEM DEN EINZELKATALYSATOREN NACHGESCHALTETEN GEMEINSAMEN HAUPT KATALYSATOR

Title (fr)

PROCEDE DE REGLAGE DE MELANGE D'UN MOTEUR A COMBUSTION INTERNE A PLUSIEURS CYLINDRES ET A ALLUMAGE COMMANDE POURVU DE CATALYSEURS SPECIFIQUES CYLINDRES ET UN CATALYSEUR PRINCIPAL COMMUN MONTE EN AVAL DES CATALYSEURS

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Application

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Priority

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Abstract (en)

[origin: DE102004043529B3] Process for controlling the mixture of a multicylindered Otto engine comprises a cylinder-related lambda control with a cylinder-related controlled stimulation through which a periodic fluctuation in the form of lean mixture and rich mixture half waves modulates a mean nominal lambda value. For a linear number of cylinders of the cylinder bank, the cylinder-related forced stimulation for half of the cylinders (Z1-Z4) is carried out in the opposite direction to that for the other half of the cylinders to balance the cylinder-related torque contributions. An independent claim is also included for an alternative process.

IPC 8 full level

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