Title (en)

STARTING CONTROL METHOD OF A CAR FOR REDUCING HC AND HARMFUL GAS EMISSIONS

Title (de)

STARTSTEUERVERFAHREN FÜR EIN KRAFTFAHRZEUG ZUR VERRINGERUNG VON KOHLENWASSERSTOFF- UND SCHÄDLICHEN GASEMISSIONEN

Title (fr)

PROCEDE DE COMMANDE DU DEMARRAGE D'UNE AUTOMOBILE DE FA ON A REDUIRE LES EMISSIONS D'HYDROCARBURES ET DE GAZ NOCIFS

Publication

EP 1664510 A1 20060607 (EN)

Application

EP 04774391 A 20040824

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Abstract (en)

[origin: WO2005019629A1] Disclosed is a starting control method of a car, which skips fuel injection into some cylinders while an engine cycle proceeds 1 to 3 times after an initial start or a restart following an idle stop, such that the internal temperatures of the cylinders not injected with fuel are raised with the aid of compression heat by pistons and, then, normal fuel injection into the cylinders can be implemented, thereby reducing emission of noxious gas including unburned hydrocarbons, the unburned hydrocarbons being otherwise generated due to incomplete combustion of fuel. The method comprises the steps of judging whether or not an engine is in a starting or restarting state; and repeating one or more times a fuel skip cycle in which ignition and skip are alternately implemented in a predetermined ignition sequence of the cylinders, when it is judged that the engine is in the starting or restarting state.

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CPC (source: EP)

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