

Title (en)

METHOD FOR REDUCING HYDROCARBON EMISSIONS AND PISTON ENGINE

Title (de)

VERFAHREN ZUR REDUZIERUNG VON HYDROCARBON - EMISSIONEN UND KOLBENMOTOR

Title (fr)

PROCÉDÉ DE RÉDUCTION D'ÉMISSIONS D'HYDROCARBURES ET MOTEUR À PISTON

Publication

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Application

EP 16736511 A 20160601

Priority

FI 2016050390 W 20160601

Abstract (en)

[origin: WO2017207864A1] In the method for reducing emissions of unburned and partially burned hydro-carbons in a piston engine (1) that is operated using gaseous fuel as a main fuel, gas molecules of the fuel are electrically charged with a predetermined polarity before being introduced into combustion chambers (15) of the engine (1), and electric charge with the same polarity is applied to walls of the combustion chambers (15).

IPC 8 full level

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CPC (source: EP KR)

F02M 21/0215 (2013.01 - KR); **F02M 27/04** (2013.01 - EP KR); **H01F 38/00** (2013.01 - KR)

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US 5553585 A 19960910 - PARO DANIEL [FI]

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