

Title (en)

INTERNAL COMBUSTION ENGINE HAVING ON-BOARD ELECTROLYZER AND METHOD OF USING SAME

Title (de)

VERBRENNUNGSMOTOR MIT BORD-ELEKTROLYSEUR UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)

MOTEUR A COMBUSTION INTERNE PRESENTANT UN ELECTROLYSEUR EMBARQUE ET PROCEDE D'UTILISATION

Publication

EP 1943417 A2 20080716 (EN)

Application

EP 06803375 A 20060912

Priority

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- US 71633105 P 20050912
- US 71807205 P 20050916

Abstract (en)

[origin: WO2007033124A2] A method and apparatus for treating the exhaust gases and improving fuel efficiency of an internal combustion engine is shown, wherein an on board electrolyzer is employed to produce hydrogen (H₂) and oxygen (O₂) that are used to maximize the fuel efficiency and minimize exhaust emissions.

IPC 8 full level

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CPC (source: EP US)

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