

Title (en)

INTERNAL COMBUSTION APPARATUS AND METHOD UTILIZING ELECTROLYSIS CELL

Title (de)

VORRICHTUNG UND VERFAHREN MIT INTERNER VERBRENNUNG DURCH VERWENDUNG VON ELEKTROLYSEZELLEN

Title (fr)

DISPOSITIF À COMBUSTION INTERNE ET PROCÉDÉ UTILISANT UNE CELLULE À ÉLECTROLYSE

Publication

EP 1949481 A4 20091028 (EN)

Application

EP 06816487 A 20061006

Priority

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- US 81929306 P 20060707
- US 84499706 P 20060915

Abstract (en)

[origin: US2007080071A1] The present disclosure relates generally to the production of hydrogen and oxygen within an electrolysis cell having a coated anode such that these gases can be added to the fuel source (fossil fuel and/or alternative fuels) of a combustion engine system as a supplement for said fuel source(s) for increased performance.

IPC 8 full level

C25B 9/17 (2021.01)

CPC (source: EP US)

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Citation (search report)

- [XY] US 2002166546 A1 20021114 - ANDREWS CRAIG C [US], et al
- [Y] GB 1147442 A 19690402 - HENRI BERNARD BEER
- [A] US 3878083 A 19750415 - DE NORA ORONZIO, et al
- See references of WO 2007047182A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2007080071 A1 20070412; AR 058086 A1 20080123; AU 2006303991 A1 20070426; CA 2663088 A1 20070426; EP 1949481 A2 20080730; EP 1949481 A4 20091028; JP 2009511747 A 20090319; WO 2007047182 A2 20070426; WO 2007047182 A3 20071122

DOCDB simple family (application)

US 54437006 A 20061006; AR P060104481 A 20061012; AU 2006303991 A 20061006; CA 2663088 A 20061006; EP 06816487 A 20061006; JP 2008535595 A 20061006; US 2006039305 W 20061006