

Title (en)
INTERNAL COMBUSTION ENGINE PERFORMANCE ENHANCING DEVICE

Title (de)
VORRICHTUNG ZUR STEIGERUNG DER LEISTUNG VON VERBRENNUNGSMOTOREN

Title (fr)
DISPOSITIF PERMETTANT D'AMÉLIORER LA PERFORMANCE D'UN MOTEUR À COMBUSTION INTERNE

Publication
EP 2614237 A4 20140507 (EN)

Application
EP 11816868 A 20110808

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• US 97861210 A 20101226
• US 37254410 P 20100811
• US 2011046886 W 20110808

Abstract (en)
[origin: WO2012021426A2] A device that injects hydrogen gas into an engine's air intake or intake manifold that is demand controlled by the vehicle's throttle linkage in an approximately linear manner. When the throttle is depressed, hydrogen generation can start or increase, and when the throttle is released, hydrogen generation can stop or decrease. The device of the present invention uses the vehicle's own vacuum to control the production of hydrogen by forcing a liquid to rise in a chamber and into contact with metal in response to increasing vacuum thus producing an increasing amount of hydrogen gas with increasing throttle depression.

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Citation (search report)
• [XYI] EP 0042745 A1 19811230 - KIELY MARTIN
• [Y] US 4325355 A 19820420 - HOUSER CLIFFORD F
• [A] FR 2893355 A1 20070518 - LECLER FABIEN [FR]
• [A] US 2004131541 A1 20040708 - ANDERSEN ERLING REIDAR [NO]
• See references of WO 2012021426A2

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WO 2012021426 A2 20120216; WO 2012021426 A3 20120524; AU 2011289672 A1 20130314; CA 2807648 A1 20120216;
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