

Title (en)

SYSTEMS AND METHODS FOR IMPROVING FUEL EFFICIENCY

Title (de)

SYSTEME UND VERFAHREN FÜR ERHÖHTE KRAFTSTOFFEFFIZIENZ

Title (fr)

SYSTÈMES ET PROCÉDÉS PERMETTANT D'AMÉLIORER LE RENDEMENT ÉNERGÉTIQUE

Publication

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Application

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Abstract (en)

[origin: US2012144800A1] Devices and methods for improving fuel efficiency are disclosed herein. According to aspects illustrated herein, there is provided a device for improving fuel efficiency of a combustion engine. The device may include a housing for attachment to an exhaust pipe of a combustion engine and having a pathway extending therethrough. The device may further include a wound body disposed at a distal portion of the housing and designed to permit fluid from the exhaust pipe flowing along the housing to flow through the wound body. In addition, the device may include a barrier positioned within the pathway downstream from the wound body so as to generate a sufficient back pressure along the exhaust pipe to enhance piston stroke efficiency in the combustion system, resulting in an increase in fuel efficiency of the combustion engine.

IPC 8 full level

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