

Title (en)

ENGINE SYSTEM WITH EXHAUST-COOLED FUEL PROCESSOR

Title (de)

MOTORENSYSTEM MIT ABGASGEKÜHLTEM BRENNSTOFFPROZESSOR

Title (fr)

SYSTÈME DE MOTEUR AVEC PROCESSEUR DE CARBURANT À REFROIDISSEMENT PAR GAZ D'ÉCHAPPEMENT

Publication

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Application

EP 10840265 A 20101224

Priority

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- CA 2010002080 W 20101224

Abstract (en)

[origin: WO2011079396A1] An engine system comprises a fuel processor that is supplied with air and a fuel stream to produce a hydrogen-containing gas stream. The fuel processor comprises a housing, and at least a portion of the housing is located within an exhaust stream conduit from the engine. During operation of the engine, heat transfer between the fuel processor and the engine exhaust stream occurs. An exhaust after-treatment assembly is located downstream of the fuel processor and is connected to selectively receive hydrogen-containing gas stream from the fuel processor.

IPC 8 full level

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CPC (source: EP US)

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