

Transient Efficiency, Performance, and Emissions Analysis of a Hydrogen Internal Combustion Engine Pick-up Truck

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Abstract

Hydrogen is considered one of the most promising future energy carriers. There are several challenges that must be overcome in order to establishing a “hydrogen economy”, including the development of a practical, efficient, and cost-effective power conversion device. Using hydrogen as a fuel for internal combustion engines is a huge step toward developing a large-scale hydrogen infrastructure.

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