

Title (en)

INCREASING THE EFFECTIVENESS OF HYDROGEN-OPERATED INTERNAL COMBUSTION ENGINES

Title (de)

WIRKUNGSGRADERHÖHUNG VON MIT WASSERSTOFF BETRIEBEN VERBRENNUNGSMOTOREN

Title (fr)

AUGMENTATION DU RENDEMENT DE MOTEURS A COMBUSTION INTERNE FONCTIONNANT A L'HYDROGENE

Publication

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Application

EP 04765584 A 20040924

Priority

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- DE 10344832 A 20030926

Abstract (en)

[origin: WO2005031135A1] Disclosed is a method for delivering a medium that is combustible in an internal combustion engine. According to said method, combustion air is fed before and/or at least temporarily along with the medium and is compressed in the combustion chamber/s of the internal combustion engine. Steam is delivered in the final phase of compression and/or following compression of the combustion air. Preferably, the steam is delivered in an isochoric or substantially isochoric manner at the top dead center.

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