

Title (en)

METHOD AND SELF-POWERED DEVICE FOR PRODUCING SYNGAS BY PARTIAL OXIDATION

Title (de)

METHODE UND VORRICHTUNG ZUR AUTONOMEN HERSTELLUNG VON SYNTHESYGAS DURCH TEILOXIDATION

Title (fr)

METHODE ET DISPOSITIF AUTONOME DE PRODUCTION DE GAZ DE SYNTHESE PAR OXYDATION PARTIELLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0177010A1] The invention concerns a method and a device integrating the so-called partial oxidation gas turbine technology (comprising at least a partial oxidation catalytic reactor coupled to an expansion turbine) for producing syngas rich in hydrogen, designed to be thermally and mechanically autonomous in power while providing adjustable composition and pressure of syngas.

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