

Title (en)

METHOD OF GENERATING AN ENERGY SOURCE FROM A WET GAS FLOW

Title (de)

VERFAHREN ZUR ERZEUGUNG EINER ENERGIEQUELLE AUS EINEM NASSEN GASSTROM

Title (fr)

PROCÉDÉ DE GÉNÉRATION D'UNE SOURCE D'ÉNERGIE À PARTIR D'UN FLUX GAZEUX HUMIDE

Publication

**EP 2071928 A2 20090624 (EN)**

Application

**EP 07848226 A 20070913**

Priority

- FR 2007001486 W 20070913
- FR 0607983 A 20060913

Abstract (en)

[origin: WO2008031950A2] Method of generating energy from a gas flow, called the initial flow, comprising water vapour (H<SUB>2</SUB>O), said method comprising the deoxidation of at least some of said water vapour (H<SUB>2</SUB>O) by passing said initial gas flow through a layer of material at high temperature, called the thermal base layer, essentially comprising high-temperature carbon, said deoxidation making it possible to obtain a first gas flow comprising hydrogen (H<SUB>2</SUB>O) obtained by the reaction of said water vapour (H<SUB>2</SUB>O) with said carbon elements. The initial flow may be a gas flow that has served for the treatment of a charge of wood (B1). The hydrogen (H<SUB>2</SUB>) obtained constitutes an energy source and may then be used to produce energy by means such as a gas boiler, a gas turbine, a fuel cell, a gas-powered engine, a turboalternator (TAV), etc.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2008031950A2

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