

Title (en)

A SYSTEM FOR THE CONVERSION OF COAL TO A GAS OF A SPECIFIED COMPOSITION

Title (de)

SYSTEM ZUR UMWANDLUNG VON KOHLE IN EIN GAS EINER SPEZIFIZIERTEN ZUSAMMENSETZUNG

Title (fr)

SYSTEME DE CONVERSION DE CHARBON EN UN GAZ D'UNE COMPOSITION SPECIFIEE

Publication

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Application

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Abstract (en)

[origin: WO2006128286A1] The present invention provides a coal gasification system with an integrated control subsystem. The system generally comprises, in various combinations, a gasification reactor vessel (or converter) having one or more processing zones and one or more plasma heat sources, a solid residue handling subsystem, a gas quality conditioning subsystem, as well as an integrated control subsystem for managing the overall energetics of the conversion of coal to energy and maintaining all aspects of the gasification processes at an optimal set point The gasification system may also optionally comprise a heat recovery subsystem and/or a product gas regulating subsystem.

IPC 8 full level

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