

Title (en)

METHOD FOR PRODUCING SYNTHESIS GAS BY VAPOUR REFORMING

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SYNTHESSEGAS DURCH DAMPFREFORMIEREN

Title (fr)

PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE PAR REFORMAGE A LA VAPEUR

Publication

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Application

EP 08856193 A 20081126

Priority

- FR 2008052127 W 20081126
- FR 0759498 A 20071203

Abstract (en)

[origin: WO2009071839A2] The invention relates to a method for producing a synthesis gas by reforming hydrocarbon vapours, that is implemented in a combustion chamber of a reforming furnace comprising burners and tubes, wherein said tubes are filled with a catalyst and are arranged vertically in the combustion chamber so that a mixture of hydrocarbons and vapour can flow therethrough in the downward direction, the synthesis gas thus produced being recovered at the lower portion of the tubes, and the burners being arranged so as to transfer the combustion heat to the mixture of hydrocarbons and vapour through the wall of the tubes, and wherein after a given operation duration of the tubes, the latter are turned upside down in order to increase their lifetime relative to that initially planned in normal conditions of use.

IPC 8 full level

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Citation (search report)

See references of WO 2009071839A2

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