

Title (en)

SYSTEM AND PROCESS FOR TREATING GAS FROM A BIOMASS GASIFICATION

Title (de)

SYSTEM UND VERFAHREN ZUR AUFBEREITUNG VON GAS AUS EINER BIOMASSE-VERGASUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRAITEMENT DE GAZ PROVENANT D'UNE GAZÉIFICATION DE BIOMASSE

Publication

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Application

EP 10732674 A 20100618

Priority

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- EP 09163560 A 20090624
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Abstract (en)

[origin: EP2267102A1] The method involves quenching of synthesis gas at a temperature and pressure. The gas is subsequently quenched at another pressure and temperature that is lower than the former temperature. The twice-quenched gas is scrubbed in an oil scrubber (311) at a scrubbing temperature that is in the range of the latter temperature, where the loaded scrubbing oil taken off from the scrubber is thermally regenerated and subsequently recycled in a cooled state to the scrubber. The quenched and scrubbed gas is purified in a catalyst-doped adsorption stage and the purified gas is fed for refining process. An independent claim is also included for a system for treating gas obtained during gasification of biomass, comprising an oil scrubber.

IPC 8 full level

C10J 3/00 (2006.01); **C10K 1/16** (2006.01); **C10K 1/18** (2006.01); **C10K 1/32** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2010149585A1

Cited by

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DOCDB simple family (publication)

EP 2267102 A1 20101229; CA 2766183 A1 20101229; CA 2766183 C 20170815; EP 2445998 A1 20120502; US 2012121492 A1 20120517; WO 2010149585 A1 20101229

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