

Title (en)

METHOD FOR BIOMASS GASIFICATION IN A FLUIDIZED BED

Title (de)

VERFAHREN ZUR BIOMASSE-VERGASUNG IN EINER WIRBELSCHICHT

Title (fr)

PROCÉDÉ DE GAZÉIFICATION DE BIOMASSE DANS UN LIT FLUIDISÉ

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Application

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Priority

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Abstract (en)

[origin: CA2787193A1] The invention relates to a method for the gasification of a biomass in a fluidized bed, wherein the biomass is first pre-dried and fed to the fluidized bed gasifier, the raw gas from the gasifier then charges a recycling cyclone and subsequently at least one raw gas cooler. The aim of the invention is to improve the yield of such a process and lower the initial cost. This is achieved by the fact that the dusts forming in the hot-gas filter mounted downstream of the raw gas cooler are fed back into the inlet system of the biomass.

IPC 8 full level

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