

Title (en)

MODULE, SYSTEM AND METHOD FOR PROCESSING HORIZONTAL FIXED BED BIOMASS

Title (de)

MODUL, SYSTEM UND VERFAHREN ZUR VERARBEITUNG HORIZONTALER FESTBETT-BIOMASSE

Title (fr)

MODULE, SYSTEME ET PROCEDE DE TRAITEMENT DE BIOMASSE A LIT FIXE HORIZONTAL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008149026A2] The invention relates to a module for processing a mass and powdery and/or liquid biomass using a gaseous processing fluid on a substantially horizontal fluid bed, said module having an inlet opening for the biomass to be processed on said fixed bed and a biomass discharge opening after processing, characterised in that said processing module includes several so-called processing zones, said module further including: at least one means for injecting a processing gaseous flow into said module, said injection means being common to said processing zones; and, for each of said processing zones, means for extracting the charged processing gaseous flow obtained after the processing with a substantially constant loss of the charge extraction for all said processing zones. The invention also relates to a system and a method for the pyrolysis and gasification of a mass, powdery and liquid biomass that uses at least two modules of the invention in communication with each other.

IPC 8 full level

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