

Title (en)

METHOD AND INSTALLATION FOR THERMALLY RECYCLING SOLID FUEL IN A REACTION CHAMBER

Title (de)

VERFAHREN UND ANLAGE ZUM THERMISCHEN VERWERTEN VON FESTEM BRENNSTOFF IN EINEM REAKTIONSRaum

Title (fr)

PROCÉDÉ ET INSTALLATION DE VALORISATION THERMIQUE D'UN COMBUSTIBLE SOLIDE DANS UNE CHAMBRE DE RÉACTION

Publication

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Application

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Abstract (en)

[origin: WO2022058612A1] The invention relates to a method and an installation for thermally recycling solid fuel in a reaction chamber, wherein the process of thermally recycling the fuel is controlled by means of a control unit (5) on the basis of the water content of the fuel. The water content of the fuel is determined before it is introduced into the reaction chamber. For this, a gas stream is passed through a fuel bed and the moisture of the gas stream after it leaves the fuel bed is measured. The water content of the fuel is determined by means of an evaluation unit (4) from the measured value representing the moisture content of the gas stream. The installation also has a container (1) arranged ahead of the reaction chamber and intended for receiving the fuel bed and has a device (2) for producing the gas stream that is passed through the fuel bed.

IPC 8 full level

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