

Title (en)

METHOD FOR COMBUSTING SOLID FUEL AND A HEATING DEVICE

Title (de)

VERFAHREN ZUR VERBRENNUNG VON FESTBRENNSTOFF UND HEIZVORRICHTUNG

Title (fr)

PROCÉDÉ DE COMBUSTION DE COMBUSTIBLE SOLIDE ET DISPOSITIF DE CHAUFFAGE

Publication

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Application

**EP 07823119 A 20071024**

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Abstract (en)

[origin: WO2008049962A1] The invention comprises a method for combusting solid fuel and a heating device (20), wherein the method can be applied. In the method - a fuel bed of solid fuel is formed in the first pipe (3), which is at an angle in relation to the horizontal plane and equipped with openings (5), - the fuel bed is combusted in the first pipe (3), - air needed for the combustion comes into the first pipe (3) from the openings (5) and - flue gases are led out from the first pipe (3) via its top part (21). In the method the fuel bed is ignited only at its surface and the fuel bed is combusted only at its surface, so that a combustion zone of a certain height is formed on the surface of the fuel bed. In the heating device (20) according to the invention the combustion advances as a zone in a controlled manner downwards in the fuel bed.

IPC 8 full level

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Citation (search report)

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