

Title (en)

PROCESS AND APARATUS FOR BURNING FUEL MATERIAL FROM WASTE OR BIOMASS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBRENNUNG VON BRENNSTOFFMATERIAL AUS ABFALL ODER BIOMASSE

Title (fr)

PROCÉDÉ ET APPAREIL POUR COMBUSTION D'UN COMBUSTIBLE PROVENANT DE DÉCHETS OU DE BIOMASSE

Publication

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Application

EP 15726011 A 20150508

Priority

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Abstract (en)

[origin: WO2015193029A1] The invention relates to a method for burning fuel material from waste and/or biomass on a rigid stepped grate of a boiler installation, and to a device for carrying out this method. It also is provided to connect the rigid stepped grate rigidly and in an airtight manner to the surrounding boiler installation, and to equip the individual grate steps with terminating edges in order to loosen and rotate the fuel material. At the same time, the individual steps of the stepped grate are arranged with a positive angle of inclination β and an active, loosening transport of the fuel material takes place by means of transport slides, wherein the supply of combustion air is effected via multiple different airways. The stepped grate is in this case formed of welded finned tubes, wherein the boiling water used as the coolant for the stepped grate is connected to the water circulation system of the boiler installation.

IPC 8 full level

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CPC (source: EP)

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Cited by

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