

Title (en)
BIOMASS HEATING SYSTEM WITH SECONDARY AIR CONDUIT, AND COMPONENTS OF SAME

Title (de)
BIOMASSE-HEIZANLAGE MIT SEKUNDÄRLUFTFÜHRUNG, SOWIE DEREN BESTANDTEILE

Title (fr)
INSTALLATION DE CHAUFFAGE À LA BIOMASSE AYANT UNE CONDUITE D'AIR SECONDAIRE, AINSI QUE SES PARTIES INTÉGRANTES

Publication
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Application
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Priority

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Abstract (en)
[origin: CA3152394A1] The invention relates to a biomass heating plant (1) for the combustion of fuel in the form of pellets and/or wood chips, said plant comprising the following: a boiler (11) with a combustion unit (2); a heat exchanger (3) with an inlet (33) and an outlet; wherein the combustion unit (2) comprises a combustion chamber (24) with a primary combustion zone (26) and with a secondary combustion zone (27) provided downstream thereof; wherein the combustion unit (2) has a rotary grate (25), on which the fuel can be burnt; wherein the secondary combustion zone (27) of the combustion chamber (24) is fluidically connected to the inlet (33) of the heat exchanger (3); wherein the primary combustion zone (26) is surrounded laterally by a plurality of combustion chamber bricks (29).

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