

Title (en)

SOLID FUEL FIRED BOILER PLANT AND FURNACE UNIT AND FLUE GAS UNIT FOR USE IN SUCH A BOILER PLANT

Title (de)

MIT FESTEN BRENNSTOFFEN GEFEUERTE KESSELANLAGE UND FEUERUNGSEINRICHTUNG UND RAUCHGASEINRICHTUNG FÜR VERWENDUNG IN SOLCHER ANLAGE

Title (fr)

INSTALLATION DE CHAUDIERE A COMBUSTIBLE SOLIDE ET UNITES DE CHAMBRE DE COMBUSTION ET DE GAZ DE COMBUSTION UTILISEES DANS CETTE INSTALLATION

Publication

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Application

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Abstract (en)

[origin: WO9817946A1] The invention relates to a solid fuel boiler plant comprising a combustion section (5) and a flue gas section (6). The invention further relates to a furnace unit and a flue gas unit. The combustion section (5) and the flue gas section (6) have a first lateral wall (1, 11), a second lateral wall (2, 12), a third lateral wall (3, 13) and a fourth lateral wall (4, 14). The lateral walls (1, 2, 3, 4, 11, 12, 13, 14) are formed by pipings (2) with a heat transmission medium, preferably water/steam, inside the pipes (22). The second lateral walls (2, 12) of the combustion section (5) and the flue gas section (6), respectively, coincide. The second lateral wall (2, 12) extends in parallel with a substantial flow direction of the flue gas through the combustion section (5) and the flue gas section (6), respectively, and forms a shelter wall between the combustion section (5) and the flue gas section (6). In a preferred embodiment the combustion section (5) is provided with a lining (8).

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