

Title (en)
BOILER FOR SOLID FUELS

Title (de)
HEIZKESSEL FÜR FESTBRENNSTOFFE

Title (fr)
CHAUDIÈRE DE CHAUFFAGE POUR COMBUSTIBLES SOLIDES

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Application
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Abstract (en)
[origin: WO2011069178A1] The invention relates to a boiler for solid fuels (5), in particular made from renewable raw materials, comprising a combustion chamber (4) intended for combusting the solid fuels (5), said combustion chamber having a fireproof and gas-tight wall lining (1) made of several wall bricks (6, 7, 8, 9), in particular fire bricks, arranged next to each other, of which at least one wall brick (9) forms butt joints (10, 11) together with the wall bricks connected to the sides of said wall brick, which butt joints are tapered in a wedge shape in the direction (12) of the combustion chamber. In order to create advantageous design conditions, the butt joints (10, 11) are additionally tapered in a wedge shape in a direction (13) other than the direction (12) of the combustion chamber (4), in particular in the direction of the combustion chamber floor (4').

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