

Title (en)

A BOILER PRODUCING STEAM FROM FLUE GASES WITH HIGH ELECTRICAL EFFICIENCY AND IMPROVED SLAG QUALITY

Title (de)

BOILER, DER DAMPF AUS RAUCHGASEN MIT HOHER ELEKTRISCHER WIRKUNG UND VERBESSERTER SCHLACKENQUALITÄT ERZEUGT

Title (fr)

CHAUDIERE PRODUISANT DE LA VAPEUR A PARTIR DE GAZ DE COMBUSTION, A HAUT RENDEMENT ENERGETIQUE ET QUALITE AMELIOREE DE PRODUCTION DE SCORIES

Publication

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Application

**EP 06809447 A 20060929**

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Abstract (en)

[origin: WO2007036914A1] This invention relates to a boiler (1 ) drying, igniting and combusting refuse and producing steam (2, 2a) by heat exchange with flue gases (3). Said boiler (1 ) comprises a reactor (16) with firing a secondary fuel (18) for generating a less-corrosive gas flow (6) and an end superheater (8) located in the flow (6) of said less-corrosive gas. Said reactor (16) could be a sintering reactor, a rotary kiln, a fluidised bed or a spouted bed. This provides for an increased lifetime of the end superheater and makes the boiler provide a high and efficient electrical power output.

IPC 8 full level

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