

Title (en)

METHOD AND APPARATUS FOR GENERATING PROCESS STEAM THROUGH COMBUSTION OF LIGNITE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN VON PROZESSDAMPF DURCH VERBRENNUNG GETROCKNETER BRAUNKOHL

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR GÉNÉRER UNE VAPEUR DE TRAITEMENT PAR COMBUSTION DE LIGNITE DÉSHYDRATÉE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010057510A1] The invention relates to a method for generating process steam by combusting dried brown coal in a steam boiler, comprising the drying of wet brown coal in a fluidized bed dryer (1) having a heat exchanger fixture (2) permeated by a heating medium, wherein at least one part of the water is driven out of the brown coal and is discharged from the dryer as exhaust vapors, the exhaust vapors are dedusted in a dedusting device (3), and the dried brown coal is cooled in at least one cooler (6) downstream of the fluidized bed dryer (1). The method according to the invention is characterized in that the brown coal dust arising in the dedusting device (3) is brought into direct contact with the dried and cooled brown coal.

IPC 8 full level

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