

Title (en)

METHOD FOR COOLING SOLID RESIDUES OF A COMBUSTION PROCESS

Title (de)

VERFAHREN ZUR KÜHLUNG VON FESTSTOFFRÜCKSTÄNDEN EINES VERBRENNUNGSPROZESSES

Title (fr)

PROCÉDÉ DE REFROIDISSEMENT DE RÉSIDUS SOLIDES D'UN PROCESSUS DE COMBUSTION

Publication

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Application

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Abstract (en)

[origin: CA2919936A1] The present invention relates to a method for cooling solid residues (32) of a combustion process, which are deposited onto the conveying surface (37) of a conveyor belt (38) of a conveying device (1) and are conveyed in the direction of a solid residue outlet (17), wherein during conveying heat is transferred from the solid residues (32) to a gaseous coolant. The method of the invention is characterized in that the conveyor belt (38) is acted upon by coolant only on its side oriented away from the conveying surface (37), the conveyor belt (38) is essentially impermeable to the coolant and at least part of the coolant heated by contact with the conveyor belt (38) is extracted on that side oriented away from the conveying surface (37).

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