

Title (en)

GASIFICATION DEVICE AND PROCESS WITH CONTINUOUS SOLID DISCHARGE

Title (de)

VERGASUNGSVORRICHTUNG UND VERGASUNGSVERFAHREN MIT KONTINUIERLICHEM FESTSTOFFAUSTRAG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE GAZÉIFICATION AVEC EXTRACTION CONTINUE DE SOLIDES

Publication

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Application

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Abstract (en)

[origin: WO2010006747A2] The invention relates to a method for removing clinker and ashes from a gasification reactor, said solids being conveyed from the gasification reactor to a water bath which is present along with the gasification reactor in a pressure vessel, at least two removal containers being present below the water bath. The removal containers are supplied with a water/solid flow via a conduit and a distributor. The removal containers can be supplied with a water/solid flow individually and in a controlled manner via shut-off devices, the filling of the containers being controlled in such a manner that the process of deposition is promoted by withdrawing a liquid flow from the filling removal container and the filling is time-controlled in such a manner that the solids are prevented from being deposited upstream of the valves and the removal containers. The invention also relates to a device comprising at least two removal containers below the water bath of a gasification reactor, a distributor and shut-off devices being mounted between the water bath and the removal containers in a preferred embodiment.

IPC 8 full level

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