

Title (en)

DEVICE FOR THE REMOVAL OF CLINKER FROM A COAL GASIFICATION REACTOR

Title (de)

VORRICHTUNG ZUR SCHLACKEABFÜHRUNG AUS EINEM KOHLEVERGASUNGSREAKTOR

Title (fr)

DISPOSITIF D'EXTRACTION DE LAITIER CONTENU DANS UN RÉACTEUR DE GAZÉIFICATION DE CHARBON

Publication

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Application

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Abstract (en)

[origin: WO2010006746A2] The invention relates to a device for removing clinker from a coal gasification reactor and a clinker bath present in the reaction vessel, the clinker being removed in a removal container downstream of the clinker bath. The removal container consists of an upper and a lower cylindrical element and the upper cylindrical element has a smaller diameter than the lower cylindrical element and both cylindrical elements are interconnected via a tapered section, said tapered section being preferably conical, and the tapered section having an angle that is similar to that of the angle of repose of the clinker. The invention also relates to a method for removing clinker from a coal gasification reactor and a clinker bath present in the reaction vessel, the device allowing the removal of clinker in a removal container and preventing clinker from being deposited in the removal container.

IPC 8 full level

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Citation (search report)

See references of WO 2010006746A2

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