

Title (en)  
METHOD AND PLANT FOR REMOVING SLAG ACCRUING IN PARTICULAR DURING SYNTHESIS GAS RECOVERY FROM A SLAG BATH CONTAINER

Title (de)  
VERFAHREN UND ANLAGE ZUR ENTFERNUNG ANFALLENDER SCHLACKEN AUS EINEM SCHLACKEBAD

Title (fr)  
PROCÉDÉ ET DISPOSITIF D'EXTRACTION, HORS D'UN CONTENANT DE BAIN DE SCORIES, DE SCORIES NOTAMMENT PRODUITES LORS DE LA FABRICATION DE GAZ DE SYNTHÈSE

Publication  
**EP 2234709 A2 20101006 (DE)**

Application  
**EP 09704328 A 20090121**

Priority  
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• DE 102008005704 A 20080124

Abstract (en)  
[origin: CA2712623A1] A method for removing slag accumulating in particular during synthesis gas recovery from slag present in a pressurized container bath in a collecting tank for the slag, in the direction of gravity under the slag bath, wherein optionally a mechanism for breaking the slag is provided under the slag bath and a sluice valve is provided between the containers, is to clearly improve the corresponding processes and plants of the relevant kinds by improving withdrawal of slag and by preventing environmentally harmful exhaust vapors or waste gases. This is achieved in that a space that is in contact with the liquid in the containers and is filled with a gas bubble is provided, in particular an annular space or a separate container, in which the pressure of the gas bubble is controlled by gas supply such that at least part of the water present in the slag sluice/collection space flows through the slag bath valve against the direction of gravity in the direction of the slag bath when the slag bath valve is opened.

IPC 8 full level  
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CPC (source: EP US)  
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