

Title (en)  
METHOD FOR GENERATING A NEGATIVE PRESSURE IN A COKE OVEN CHAMBER DURING THE DISCHARGING AND CHARGING PROCESSES

Title (de)  
VERFAHREN ZUR ERZEUGUNG EINES UNTERDRUCKES IN EINER KOKSOFFENKAMMER WÄHREND DES AUSDRÜCK- UND BELADEVORGANGES

Title (fr)  
PROCÉDÉ POUR GÉNÉRER UNE DÉPRESSION DANS UNE CHAMBRE DE FOUR À COKE PENDANT L'OPÉRATION D'ÉJECTION ET DE CHARGEMENT

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Application  
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Abstract (en)  
[origin: CA2778789A1] The invention relates to a method for extracting flue gases from a coke oven chamber, wherein the flue gases that develop briefly during the process of discharging and charging the coke cake from and to the coke oven chamber are extracted by means of a vacuum generated in the headspace above the coke cake. Said vacuum in the headspace above the coke oven chamber is generated via channels through the lateral walls of the coke oven chamber or in the coke cake. In an advantageous embodiment, the vacuum is generated in the secondary heating chamber and, by way of example, can be extracted again from a vacuum supply tank which, for the time that the coke oven chamber doors are open, is connected to the secondary heating chamber by opening shut-off devices in the connecting line. The method according to the invention avoids the undesirable emission of flue gases into the atmosphere. The invention also relates to a device whereby said method can be carried out.

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