

Title (en)

METHOD AND APPARATUS FOR REDUCING FILLING GAS EMISSIONS WHEN CHARGING OVEN CHAMBERS OF A COKING-OVEN BATTERY WITH SLUGS OF COMPRESSED CARBON

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REDUZIEREN VON FÜLLGASEMISSIONEN BEIM BESCHICKEN VON OFENKAMMERN EINER KOKSOFFENBATTERIE MIT KOHLESTAMPFKUCHEN

Title (fr)

PROCÉDÉ ET DISPOSITIF SERVANT À RÉDUIRE DES ÉMISSIONS DE GAZ DE REMPLISSAGE LORS DU CHARGEMENT DE GÂTEAUX DE CHARBON COMPACT DANS LES CHAMBRES D'UNE BATTERIE DE FOURS À COKE

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Application

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Abstract (en)

[origin: CA2827293A1] The invention relates to a method for reducing emissions of filling gas when charging oven chambers of a battery of coking ovens, on the proviso that the oven chamber (1) to be charged is opened on the machine side (MS) of the coking-oven battery, and a slug (10) of compressed carbon is introduced into the opened oven chamber (1). Filling gases released when the slug (10) of compressed carbon is being introduced into the hot oven chamber (1) are taken off through a filling gas receiver (11) which is attached to the oven chamber (1), and are then preferably dedusted and incinerated. Crude gases formed in the closed oven chambers in the course of a coking operation are removed through a crude gas receiver (3) which is attached to the oven chambers (1), and are passed on for a gas treatment procedure which includes at least one gas scrubber. Ports which connect the crude gas receiver (3) and the filling gas receiver (11) to the oven chambers (1) are, in accordance with the invention, alternately opened and closed, so that the filling gases formed during charging of the oven chambers (1) are admitted only into the filling gas receiver (11), and the crude gases formed by coking in the closed oven chambers are admitted only into the crude gas receiver (3).

IPC 8 full level

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