

Title (en)

DEVICE AND METHOD FOR CONTROLLING THE INLET OPENINGS IN A COLLECTING LINE FOR COMBUSTION AIR ON THE CEILING OF COKE OVEN CHAMBERS OF THE "HEAT-RECOVERY" TYPE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REGELUNG VON EINLASSÖFFNUNGEN IN EINER SAMMELLEITUNG FÜR VERBRENNUNGSLUFT AUF DER DECKE VON KOKSOFFENKAMMERN VOM TYP "HEAT-RECOVERY"

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR AJUSTER DES OUVERTURES D'ADMISSION DANS UN COLLECTEUR D'AIR DE COMBUSTION SUR LE CIEL DE CHAMBRES DE FOURS À COKE DU TYPE "À RÉCUPÉRATION DE CHALEUR"

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Application

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Abstract (en)

[origin: WO2014015956A1] The invention relates to a device for controlling the inlet openings in a collecting line for combustion air on the ceiling of coke oven chambers of the "heat-recovery" type, through which combustion air is admitted into a collecting line which is used for supplying primary combustion air for the openings of the coke oven chamber in the ceiling of the coke oven chamber, whereby a directed, wind-protected and simultaneous introduction of primary combustion air into the openings of the ceiling of a coke oven chamber is carried out, and whereby the pressure loss is less than in the prior art due to the short distance as a result of the arrangement of the inlet openings in the collecting line. Also claimed is a method, in which primary combustion air can be admitted into the gas chamber of a coke oven chamber, wherein a simultaneous control of the inlet opening valves of the collecting line is allowed, and furthermore a control of the sliding flaps in adaptation to the coking process is made possible.

IPC 8 full level

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