

Title (en)
COKE OVEN DEVICE FOR PRODUCING COKE, METHOD FOR OPERATING THE COKE OVEN DEVICE, AND USE

Title (de)
KOKSOFENVORRICHTUNG ZUM HERSTELLEN VON KOKS UND VERFAHREN ZUM BETREIBEN DER KOKSOFENVORRICHTUNG SOWIE VERWENDUNG

Title (fr)
DISPOSITIF DE FOUR À COKE POUR LA FABRICATION DE COKE ET PROCÉDÉ D'EXPLOITATION DU DISPOSITIF DE FOUR À COKE ET SON UTILISATION

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Application
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Abstract (en)
[origin: WO202225013A1] The invention relates to a coke oven device (10) for producing coke, comprising a plurality of twin heating flues (13) having heating channels, which are each delimited from one another in pairs by a partition (14) and are shielded by two stretcher walls (15) lying opposite one another. In the lower region, at least one inlet from the following group is provided on the bottom (5.4) of each heating channel: coke oven gas inlet (18), combustion air inlet (16), mixed gas inlet (17). At each bottom (5.4), the ratio (y1:y2) of the distance (y1) between the nearest edges of the combustion air inlet (16) and of the mixed gas inlet (17) to the distance (y2) of the inner edges of the partitions (14) is at least 10%. The distance (y1) between the nearest edges of the combustion air inlet (16) and of the mixed gas inlet (17) is at least 50 mm. At least one of the combustion air inlet (16) and the mixed gas inlet (17) is arranged eccentrically at an x-distance greater than a factor of 0.7 of the absolute x-extent of the heating channel between opposite stretcher walls (15). The invention also relates to a corresponding method.

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