

Title (en)  
OVEN CHAMBER CLOSURE FOR A HORIZONTAL COKE OVEN

Publication  
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Application  
**EP 80107952 A 19801217**

Priority  
DE 2951066 A 19791219

Abstract (en)  
[origin: EP0031130A2] Furnace chamber closures for the coke side (or the machine side) of the furnace chambers (1) of a horizontal coke oven consist of a door frame (2), a door body (3) allocated to the door frame (2), sealing means (4) between the door frame (2) and the door body (3) (sealing means I) which are held by a circumferential door body shoulder (5), interlocking means (6) with which the door body (3) can be pressed against, and secured to, the door frame (2), and a prechamber (8) mounted in front of the gap region (7) between the door frame (2) and the door body (3) and running round in channel fashion and which can in turn be outwardly sealed with sealing means (9) (sealing means II). In order to be able to construct the prechamber (8) in a simple manner in terms of structure, production engineering and materials and with a small volume in the case of furnace chamber closures of the type described above in their basic structure, provision is made, according to the invention, that the prechamber (8) is bounded only by a part of the door frame (2), the sealing means I (4), the door body shoulder (5) holding the sealing means I (4) and the sealing means II (9). This dispenses with the inclusion of a part of the adjacent wall protection panels, with the adjacent vertical anchor members and closure panels provided at the top and bottom between the adjacent vertical anchor members in constructing the prechamber (8).

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FR 795907 A 19360325 - GAS CHAMBERS & COKE OVENS LTD

Cited by  
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