

Title (en)

COKE OVEN DOOR SEALING DEVICE, COKE OVEN CHAMBER AND COKE OVEN BATTERY

Title (de)

KOKSOFENTÜRDICHTUNGSVORRICHTUNG, KOKSOFENKAMMER UND KOKSOFENBATTERIE

Title (fr)

DISPOSITIF D'ÉTANCHÉITÉ DE PORTE DE FOUR À COKE, CHAMBRE DE FOUR À COKE ET BATTERIE DE FOUR À COKE

Publication

**EP 4240808 A1 20230913 (EN)**

Application

**EP 21798401 A 20211103**

Priority

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- EP 2021080536 W 20211103

Abstract (en)

[origin: WO2022096522A1] Coke oven door sealing device for sealing a coke oven door against a sealing surface of a coke oven door frame of a coke oven chamber, the coke oven door sealing device comprising: a coke oven door having a panel unit for closing the coke oven chamber; a fixture device for holding a sealing piece in a peripheral area of the coke oven door opposite to the sealing surface; the sealing piece, wherein the sealing piece is configured to be operated in a first operating state or a second operating state; wherein, in a first operating state, the sealing piece is spaced at a first distance from the sealing surface arranged opposite of the sealing piece; wherein, in a second operating state, the sealing piece contacts the sealing surface; such that in the second operating state, the sealing piece and the panel unit at least partially shape a cavity and wherein the coke oven door sealing device (1) further comprises a first insulation element (14) for thermally insulating the sealing piece (13), wherein the first insulation element (14) is arranged on the fixture device (11).

IPC 8 full level

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