

Title (en)

METHOD OF SEALING DOORS OF HORIZONTAL COKE OVENS AND COKE OVENS WITH COKE OVEN DOORS

Publication

EP 0063700 B1 19861210 (DE)

Application

EP 82102630 A 19820329

Priority

- DE 3116104 A 19810424
- DE 3123248 A 19810611
- DE 3138406 A 19810926
- DE 3145065 A 19811113

Abstract (en)

[origin: EP0063700A2] 1. Coke oven equipped with coke oven doors to be pressed against the frame of the oven chamber and thereby providing a tight seal, the doors being provided with an interior face plate arranged in a certain distance from the door body by means of spacers, furthermore with a door-mounted knife-type seal including a safety repositioning device as well as with tightening elements acting on the door body and thus on the knife-type seal, characterized in that the door body (2) provided with said interior face plate (39, 120) is formed exclusively by an entirely resilient sealing plate (3) to which are arranged the supports (6) for the door removing equipment and locking bolts (9) as well as the peripheral, active tightening element (11) which tightly presses together the chamber frame (7), sealing plate, and knife-type seal (5) while influencing exclusively on the marginal areas of the sealing plate.

IPC 1-7

C10B 25/06

IPC 8 full level

C10B 25/06 (2006.01); **C10B 25/16** (2006.01)

CPC (source: EP)

C10B 25/06 (2013.01); **C10B 25/16** (2013.01)

Cited by

EP0124813A3; EP0321719A1; DE3410922A1

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EP 0063700 A2 19821103; EP 0063700 A3 19840201; EP 0063700 B1 19861210; AT E24196 T1 19861215; AU 558040 B2 19870115; AU 8299282 A 19821028; CA 1211402 A 19860916; DD 202304 A5 19830907; DE 3274650 D1 19870122; ES 511474 A0 19830216; ES 8303507 A1 19830216; IN 158973 B 19870228; JP H0459353 B2 19920922; JP S57205479 A 19821216; NO 820787 L 19821025

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