

Title (en)  
COKE OVEN DOOR

Publication  
**EP 0144649 A3 19860212 (DE)**

Application  
**EP 84112563 A 19841018**

Priority  
DE 3340731 A 19831110

Abstract (en)  
[origin: US4741808A] The invention relates to a coke oven door with a sealing element which consists of a metal sealing strip and a crowned metal diaphragm. When the sealing strip is pressed onto the door frame a wedge-shaped gap is produced between the sealing strip and the door frame into which the tarry condensation residues pass as a result of the movement of the sealing strip and ensure a good seal.

IPC 1-7  
**C10B 25/16**; **C10B 25/06**

IPC 8 full level  
**C10B 25/02** (2006.01); **C10B 25/06** (2006.01); **C10B 25/16** (2006.01)

CPC (source: EP US)  
**C10B 25/06** (2013.01 - EP US); **C10B 25/16** (2013.01 - EP US)

Citation (search report)

- [Y] DE 915564 C 19540726 - LIMBERG KOKEREI ARMATUREN G M
- [Y] US 2200403 A 19400514 - ACKEREN PAUL VAN
- [A] DE 913764 C 19540621 - OTTO & CO GMBH DR C
- [A] DE 3024547 A1 19820121 - PLIBRICO CO GMBH [DE]
- [A] DE 2229953 B1 19730705

Cited by  
EP0175887A1; EP0724007A1; DE3705036C1; DE3929372A1; EP0417610A1; WO9901523A1

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