

Title (en)  
COKE OVEN DOOR

Publication  
**EP 0026408 B1 19830302 (DE)**

Application  
**EP 80105627 A 19800919**

Priority  
DE 2939070 A 19790927

Abstract (en)  
[origin: US4295938A] A coke-oven door assembly has a doorjamb having an outwardly facing annular doorjamb surface. A rigid door body has an annular outer edge aligned with and generally perpendicular to the doorjamb surface and is provided with an annular and hollow rigid frame juxtaposed with this edge and limitedly displaceable relative to the door body. An annular seal strip engages the door edge and bears inwardly on the doorjamb surface. A rail is movable inside the frame toward and away from the doorjamb surface and a plurality of elastically compressible biasing devices are engaged between the rail and the seal strip to urge the latter toward the doorjamb surface. A plurality of spacers extending from the doorjamb are engaged with this rail, normally via respective plungers, so that the biasing force effective on the seal strip remains the same even if the door body is distorted by the effects of heat.

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

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

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

Cited by  
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Designated contracting state (EPC)  
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0026408 A1 19810408; EP 0026408 B1 19830302**; AT E2682 T1 19860315; AU 6250580 A 19810409; BR 8006223 A 19810407; DE 2939070 B1 19810326; DE 2939070 C2 19821007; ES 262179 U 19820601; ES 262179 Y 19821216; JP S5655483 A 19810516; US 4295938 A 19811020

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