

Title (en)

COKE OVEN DOOR WITH A LAYERED SEALING STRIP

Publication

EP 0100040 A3 19850424 (DE)

Application

EP 83106986 A 19830716

Priority

DE 3227733 A 19820724

Abstract (en)

[origin: US4486271A] A coke oven door is equipped with a metallic sealing strip extending therearound and providing a tight seal for the coke oven. The sealing strip is a compound structure of thin layers or laminations of corrosion-resistant, preferably 0.5 mm thick sheet material. The individual layers are welded to one another at their edges, and, especially if the sealing strip is designed as a sectional diaphragm, a knife-edged sealing blade is provided on the free side of the sealing strip, which blade is pressed into tight contact with the door frame by means of thrust plungers, for example. Due to its laminated structure, the sealing strip is capable of taking up hammering without becoming permanently deformed.

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)

Citation (search report)

- [X] DE 738975 C 19430907 - PIERRE EUGENE HENRI FORSANS
- [X] DE 2229953 B1 19730705
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Cited by

AU2002352140B2; WO03052027A3

Designated contracting state (EPC)

BE FR IT LU NL

DOCDB simple family (publication)

EP 0100040 A2 19840208; EP 0100040 A3 19850424; EP 0100040 B1 19880525; DE 3227733 A1 19840126; DE 3227733 C2 19880908; IN 159556 B 19870523; JP H0226915 Y2 19900720; JP S5978287 A 19840507; JP S62114030 U 19870720; US 4486271 A 19841204

DOCDB simple family (application)

EP 83106986 A 19830716; DE 3227733 A 19820724; IN 826CA1983 A 19830702; JP 13297683 A 19830722; JP 13671086 U 19860908; US 51627083 A 19830722