

Title (en)

COKE OVEN DOOR WITH A CERAMIC SHIELD CONSTRUCTION

Publication

**EP 0317494 A3 19890726 (DE)**

Application

**EP 88730252 A 19881117**

Priority

DE 3739452 A 19871117

Abstract (en)

[origin: US4917772A] An oven door assembly of a shield-type construction for vented oven doors is achieved by ceramic barrier plates which can be produced in an extrusion process and which are mounted to supports, preferably in the form of cantilever beams fixed with one end to the oven door body and bearing clamps at the other end for clamping the ceramic barrier plates. Each ceramic barrier plate is replaceable and has grooves on the upper and lower side faces to receive the clamps. The clamps are constructed for clamping the ceramic barrier plates by pressure forces acting normal to the upper and lower side faces of the ceramic plates.

IPC 1-7

**C10B 25/06**

IPC 8 full level

**C10B 25/02** (2006.01); **C10B 25/06** (2006.01); **F27D 1/18** (2006.01)

CPC (source: EP US)

**C10B 25/06** (2013.01 - EP US)

Citation (search report)

- [A] DE 3219357 A1 19831124 - PLIBRICO CO GMBH [DE]
- [AD] DE 3447187 A1 19860703 - RUHRKOHLE AG [DE]
- [A] US 2480241 A 19490830 - HENSEL WALTER C

Cited by

EP2762549A1; DE202013000931U1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**US 4917772 A 19900417**; AT E70851 T1 19920115; DE 3739452 C1 19881222; EP 0317494 A2 19890524; EP 0317494 A3 19890726; EP 0317494 B1 19911227; JP H01165691 A 19890629

DOCDB simple family (application)

**US 27256088 A 19881116**; AT 88730252 T 19881117; DE 3739452 A 19871117; EP 88730252 A 19881117; JP 28786188 A 19881116