

Title (en)
COKE OVEN BATTERY

Publication
EP 0090449 B1 19850612 (EN)

Application
EP 83200364 A 19830316

Priority
NL 8201239 A 19820325

Abstract (en)
[origin: EP0090449A1] A coke oven battery has coking chambers 1, combustion chambers 3, oven roof 4, regenerator roof 5 and regenerator walls 8. To achieve resistance to crack and hole formation during heating up due to differences of thermal expansion, the refractory brickwork of at least one of said regenerator walls, said regenerator roof and said oven roof comprises a region which is formed substantially of bricks of one material and in which a plurality of vertically adjacent strengthened brickwork sections, each comprising at least two layers of bricks, are provided by connecting together the bricks of the said layers of the strengthened section so that the layers are prevented from relative movement in the direction transverse to said longitudinal direction of the battery, each adjacent pair of said strengthened sections being separated from each other by a joint permitting their relative movement in said transverse direction.

IPC 1-7
C10B 29/02

IPC 8 full level
C10B 25/00 (2006.01); **C10B 29/02** (2006.01)

CPC (source: EP KR)
C10B 25/00 (2013.01 - KR); **C10B 29/02** (2013.01 - EP)

Cited by
CN113528161A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0090449 A1 19831005; EP 0090449 B1 19850612; CA 1218334 A 19870224; DE 3360257 D1 19850718; ES 520963 A0 19840316; ES 8403515 A1 19840316; JP S58222182 A 19831223; JP S6141951 B2 19860918; KR 840003679 A 19840915; KR 900008337 B1 19901115; NL 8201239 A 19831017; ZA 831955 B 19831130

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EP 83200364 A 19830316; CA 424291 A 19830323; DE 3360257 T 19830316; ES 520963 A 19830324; JP 4905983 A 19830325; KR 830001223 A 19830325; NL 8201239 A 19820325; ZA 831955 A 19830321