

Title (en)

Coke oven battery and process for repairing old batteries.

Title (de)

Koksofenbatterie und Verfahren zum Reparieren alter Batterien.

Title (fr)

Batterie de fours à coke et procédé pour la réparation de batteries anciennes.

Publication

**EP 0089862 A1 19830928 (FR)**

Application

**EP 83400404 A 19830228**

Priority

FR 8204033 A 19820310

Abstract (en)

[origin: ES8404398A1] A construction for a battery of coke ovens and to a method for repairing them in which a continuous vertical joint plane is provided in the walls of the piers separating the ovens of the batteries, which walls are constructed of courses and headers and stretchers, the plane extending along one of the lateral faces of the headers, with one of the two adjacent stretchers of the course immediately above and below the header being longer than the other stretchers in the wall and the other being shorter so that the joint between them is located in the same vertical plane as the said faces of the headers.

Abstract (fr)

Les parois (33) des piédroits (9) constituant également les parois des cellules de fours présentent, à proximité d'au moins une de leurs extrémités adjacentes aux ouvertures avant et arrière des cellules de fours, un plan de joint vertical (39) établi le long d'un alignement vertical de l'une des faces latérales des boutisses (36), les deux paneresses jointives des lits supérieur et inférieur à ceux contenant ces boutisses étant l'une (351) allongée, l'autre (352) raccourcie de sorte que leur joint d'assemblage se trouve dans ledit plan de joint vertical (39).

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CPC (source: EP KR US)

**C10B 25/00** (2013.01 - KR); **C10B 29/02** (2013.01 - EP US); **C10B 29/06** (2013.01 - EP US)

Citation (search report)

- [Y] GB 2050586 A 19810107 - OTTO & CO GMBH DR C
- [Y] FR 2304660 A1 19761015 - OTTO & CO GMBH DR C [DE]
- [A] GB 511310 A 19390816 - KOPPERS CO INC
- [A] DE 2914387 A1 19801023 - STILL CARL GMBH CO KG

Cited by

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**EP 0089862 A1 19830928**; **EP 0089862 B1 19851218**; **EP 0089862 B2 19881117**; AT E17018 T1 19860115; AU 1219883 A 19840913; AU 557699 B2 19870108; CA 1224176 A 19870714; DE 3361518 D1 19860130; ES 520452 A0 19840501; ES 529344 A0 19850116; ES 8404398 A1 19840501; ES 8502721 A1 19850116; FR 2523148 A1 19830916; FR 2523148 B1 19850816; GR 78107 B 19840926; JP S58167675 A 19831003; KR 840003678 A 19840915; PT 76363 A 19830401; PT 76363 B 19851113; SU 1358788 A3 19871207; US 4545860 A 19851008; ZA 831386 B 19831130

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