

Title (en)

METHOD OF HOT-REPAIRING THE HEATING FLUES OF A COKE-OVEN BATTERY AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR HEISSREPARATUR DER HEIZZÜGE EINER KOKSOFFENBATTERIE UND VORRICHTUNG ZUM DURCHFÜHREN DIESES VERFAHRENS

Title (fr)

PROCEDE DE REPARATION A CHAUD DES CARNEAUX DE CHAUFFAGE D'UNE BATTERIE DE FOURS A COKE

Publication

EP 1165722 A1 20020102 (DE)

Application

EP 00909339 A 20000308

Priority

- DE 19910300 A 19990309
- EP 0001998 W 20000308

Abstract (en)

[origin: US7037409B1] A method and a device for the hot-repairing of the heating flues of a coke-oven battery according to which the completed sections of a heating flue still under construction are heated by means of a heated gas. The heated gas comprises the air usually provided for combustion in the heating flues during coking operations. The air is guided through the flow paths provided for in the coke-oven battery for combustion air and waste gases as well as through the regenerator, heated as it passes through the flow paths and then guided through the heating flues to be repaired. The completed section of the heating flue is separated from the non-completed portion by an air-reversion device that also directs the heated air.

IPC 1-7

C10B 29/06

IPC 8 full level

C10B 29/06 (2006.01)

CPC (source: EP US)

C10B 29/06 (2013.01 - EP US)

Citation (search report)

See references of WO 0053694A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 7037409 B1 20060502; AR 022846 A1 20020904; AT E266077 T1 20040515; AU 3165400 A 20000928; BR 0008849 A 20011226; BR 0008849 B1 20101130; CA 2362455 A1 20000914; CA 2362455 C 20080729; CN 1120213 C 20030903; CN 1343242 A 20020403; DE 19910300 C1 20000907; DE 50006336 D1 20040609; EP 1165722 A1 20020102; EP 1165722 B1 20040506; ES 2219317 T3 20041201; JP 2002538285 A 20021112; JP 3939926 B2 20070704; MX PA01008984 A 20021023; PT 1165722 E 20040930; TW 491887 B 20020621; WO 0053694 A1 20000914; WO 0053694 A9 20020912

DOCDB simple family (application)

US 91432602 A 20020114; AR P000100989 A 20000306; AT 00909339 T 20000308; AU 3165400 A 20000308; BR 0008849 A 20000308; CA 2362455 A 20000308; CN 00804745 A 20000308; DE 19910300 A 19990309; DE 50006336 T 20000308; EP 0001998 W 20000308; EP 00909339 A 20000308; ES 00909339 T 20000308; JP 2000603323 A 20000308; MX PA01008984 A 20000308; PT 00909339 T 20000308; TW 89104031 A 20000307