

Title (en)
METHOD FOR OPERATING A COKE-OVEN BATTERY

Title (de)
VERFAHREN ZUM BETREIBEN EINER KOKSOFENBATTERIE

Title (fr)
PROCEDE DE FONCTIONNEMENT D'UNE BATTERIE DE FOURS A COKE

Publication
EP 1419214 B1 20080423 (DE)

Application
EP 02730053 A 20020323

Priority
• DE 10124700 A 20010518
• DE 10128992 A 20010615
• EP 0203285 W 20020323

Abstract (en)
[origin: WO02094966A1] The invention relates to a method for operating a coke-oven battery that comprises a large number of identical coking chambers, a raw gas receiver and throttle devices arranged in said raw gas receiver for individually regulating the gas pressure in the coking chambers. Each throttle device has an immersion bucket that is impinged by water. The coking chambers are connected to the raw gas receiver by gas lines which terminate in immersion pipes in the immersion buckets of the throttle devices. According to the invention, the throttle devices that are used have an overflow that can be adjusted vertically by an actuating drive, for regulating the level of liquid in the immersion bucket. For a coking chamber, to which a pressure regulating device is allocated, the actuating signals for the actuating drive, which are allocated to the temporal pressure distribution during the carbonisation of coal to coke are represented by a position-time curve. The actuating drives of throttle devices, which are allocated to coking chambers without pressure regulation devices are controlled according to the position-time curve.

IPC 8 full level
C10B 27/06 (2006.01); **C10B 41/08** (2006.01)

CPC (source: EP US)
C10B 27/06 (2013.01 - EP US); **Y10T 137/0396** (2015.04 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02094966 A1 20021128; AT E393201 T1 20080515; BR 0205386 A 20030610; BR 0205386 B1 20121127; CA 2415204 A1 20021128; CA 2415204 C 20071106; CZ 20031609 A3 20040317; CZ 299619 B6 20080924; DE 50212157 D1 20080605; EP 1419214 A1 20040519; EP 1419214 B1 20080423; JP 2004521987 A 20040722; JP 4173373 B2 20081029; MX PA03000358 A 20040913; PL 197903 B1 20080530; PL 363499 A1 20041115; SK 286544 B6 20081205; SK 7302003 A3 20040302; TW 546364 B 20030811; US 2004084293 A1 20040506; US 7097743 B2 20060829

DOCDB simple family (application)
EP 0203285 W 20020323; AT 02730053 T 20020323; BR 0205386 A 20020323; CA 2415204 A 20020323; CZ 20031609 A 20020323; DE 50212157 T 20020323; EP 02730053 A 20020323; JP 2002592429 A 20020323; MX PA03000358 A 20020323; PL 36349902 A 20020323; SK 7302003 A 20020323; TW 91108691 A 20020426; US 46990203 A 20030905