Title (en)

AIR METERING SYSTEM FOR SECONDARY AIR IN COKE OVENS AS A FUNCTION OF THE RATIO OF CROWN TEMPERATURE TO SOLE TEMPERATURE

Title (de)

LUFTDOSIERUNGSSYSTEM FÜR SEKUNDÄRLUFT IN KOKSÖFEN IN ABHÄNGIGKEIT DES VERHÄLTNISSES VON GEWÖLBE- ZU SOHLETEMPERATUR

Title (fr)

SYSTÈME DE DOSAGE D'AIR SECONDAIRE DANS DES FOURS À COKE EN FONCTION DU RAPPORT ENTRE LA TEMPÉRATURE DE VOÛTE ET LA TEMPÉRATURE DE SOLE

Publication

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Application

EP 09778083 A 20090825

Priority

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Abstract (en)

[origin: WO2010034383A1] The invention relates to a device for metering secondary combustion air in the secondary air soles of coking chamber furnaces, wherein said device is formed by a pusher or a block-shaped device or plate displaced by means of a pushrod, wherein said pushrod is moved longitudinally parallel to the coking chamber furnace wall, so that the plates move away from the secondary air openings and open or close said openings. The pushrod is moved by means of a servomotor, wherein the force transmission is done hydraulically or pneumatically. Using suitable measurement parameters, the secondary heating can thus be optimized, so that the heating is even on all sides, thus achieving an improvement in coke quality.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2010034383A1

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PE 20110912 A1 20120113; RU 2011117294 A 20121110; RU 2493233 C2 20130920; TW 201016834 A 20100501; UA 105504 C2 20140526;
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