Title (en)
FEEDING OF COMBUSTION AIR FOR COKING OVENS

Title (de)
ZUFÜHRUNG VON VERBRENNUNGSLUFT FÜR VERKOKUNGSÖFEN

Title (fr)
ALIMENTATION EN AIR DE COMBUSTION POUR DES FOURS A COKE

Publication
EP 1893721 B1 20140402 (DE)

Application
EP 06753797 A 20060523

Priority
• EP 2006004871 W 20060523
• DE 102005025955 A 20050603

Abstract (en)
[origin: WO2006128612A1] Device for burning coking gas in a coking chamber of a coke oven of the "non-recovery type" or "heat-recovery type",
a multiplicity of inlet openings for primary air being arranged in the roof of each oven chamber in such a way that the coking gas produced during
the coking is brought into uniform contact with the desired quantity of primary air for the partial combustion of the coking gas, these inlet openings
for primary air being combined above the oven for each oven chamber separately by an air feed system, the air feed systems of the individual oven
chambers being connected to an air feed system common to many oven chambers, and a respective control member for varying the primary air
quantity over the carbonizing time being provided between the common air feed system and the air feeds of the individual oven chambers. A slight,
constant positive pressure can be applied to the common air feed system.

IPC 8 full level
C10B 15/02 (2006.01)

CPC (source: EP KR US)
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WO2010040435A1; US9404043B2

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BR PI0611335 A2 20100831; CA 2610302 A1 20061207; CA 2610302 C 20140211; CN 101189319 A 20080528; CN 101189319 B 20130213;
DE 102005025955 B3 20070315; EP 1893721 A1 20080305; EP 1893721 B1 20140402; JP 2008545842 A 20081218; JP 4922291 B2 20120425;
KR 101340106 B1 20131210; KR 20080014784 A 20080214; MX 2007015210 A 20080222; NO 20076636 L 20071221;
RU 2007144581 A 20090610; RU 2371466 C2 20091027; TW 200643160 A 20061216; TW I408217 B 20130911; UA 87928 C2 20090825;
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TW 95118181 A 20060523; UA A200800223 A 20060523; US 92048206 A 20060523; ZA 200709877 A 20071115