

Title (en)

METHOD AND DEVICE FOR THE COKING OF HIGH VOLATILITY COAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERKOKUNG VON KOHLE MIT HOHEM FLÜCHTIGENGEGHALT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COKÉFACTION DE CHARBON À HAUTE TENEUR EN MATIÈRE VOLATILE

Publication

EP 1979441 A1 20081015 (DE)

Application

EP 07722764 A 20070124

Priority

- EP 2007000576 W 20070124
- DE 102006005189 A 20060202

Abstract (en)

[origin: DE102006005189A1] The method involves filling coking chamber with a layer of coal. The coal is heated and volatile coal components are emitted from the coal. The volatile coal components are partially oxidized using supplied air. The unburned and volatile coal components are burned in the bottom of coke oven. The temperature is measured and cooling water vapor is introduced in the coke oven. An independent claim is also included for a device for producing coke with high volatile content in a coking chamber of a non recovery type or heat recovery type coke oven.

IPC 8 full level

C10B 15/02 (2006.01)

CPC (source: EP KR US)

C10B 15/02 (2013.01 - EP KR US); **C10B 39/06** (2013.01 - KR); **C10B 57/18** (2013.01 - EP US)

Citation (search report)

See references of WO 2007098830A1

Citation (examination)

WO 2006128612 A1 20061207 - UHDE GMBH [DE], et al

Cited by

CN104870614A

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DOCDB simple family (publication)

DE 102006005189 A1 20070809; AP 2008004564 A0 20080831; AP 2445 A 20120831; AR 059245 A1 20080319; AU 2007219513 A1 20070907; AU 2007219513 B2 20110106; BR PI0707683 A2 20110510; CA 2639977 A1 20070907; CN 101490213 A 20090722; CN 101490213 B 20131002; EG 25059 A 20110720; EP 1979441 A1 20081015; JP 2009525364 A 20090709; JP 5300492 B2 20130925; KR 101431841 B1 20140825; KR 20080098015 A 20081106; MY 143545 A 20110531; RU 2008135454 A 20100310; RU 2477300 C2 20130310; TW 200730617 A 20070816; TW I428440 B 20140301; UA 94253 C2 20110426; US 2009217576 A1 20090903; US 8323454 B2 20121204; WO 2007098830 A1 20070907; ZA 200806625 B 20090527

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