

Title (en)
COKE OVEN COMPRISING TERTIARY HEATING ELEMENTS IN THE GAS CHAMBER

Title (de)
KOKSOFFEN MIT TERTIÄREN HEIZELEMENTEN IN DEM GASRAUM

Title (fr)
FOUR À COKE À ÉLÉMENTS CHAUFFANTS TERTIAIRES DANS L'ESPACE DE GAZ

Publication
EP 2064302 A1 20090603 (DE)

Application
EP 07802202 A 20070907

Priority
• EP 2007007812 W 20070907
• DE 102006045056 A 20060921

Abstract (en)
[origin: CA2663541A1] The invention relates to a horizontally designed, non-heat recovery-type coke oven comprising at least one coking chamber, downcomers that are laterally disposed relative to the coking chamber, and bottom ducts which are horizontally arranged below the coking chamber in order to indirectly heat the coking chamber. One or more heating elements are located in the gas chamber which is not filled with solid matter when the coke oven is appropriately used.

IPC 8 full level
C10B 15/02 (2006.01); **C10B 29/00** (2006.01); **C10B 29/02** (2006.01); **F27D 23/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP KR US)
C10B 5/06 (2013.01 - KR); **C10B 15/02** (2013.01 - EP US); **C10B 29/00** (2013.01 - EP KR US); **C10B 29/02** (2013.01 - EP KR US); **F27D 99/0001** (2013.01 - KR)

Citation (search report)
See references of WO 2008034531A1

Citation (examination)
DE 4402390 C1 19950524 - DIDIER WERKE AG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006045056 A1 20080327; AP 2009004792 A0 20090430; AP 2539 A 20121220; AR 062926 A1 20081217; AU 2007299285 A1 20080327; AU 2007299285 B2 20110811; BR PI0716868 A2 20131015; CA 2663541 A1 20080327; CL 2007002739 A1 20080111; CN 101517036 A 20090826; CN 101517036 B 20140827; CO 6170369 A2 20100618; EP 2064302 A1 20090603; JP 2010504379 A 20100212; JP 5578848 B2 20140827; KR 20090060297 A 20090611; MX 2009003052 A 20090401; MY 148757 A 20130531; NZ 575316 A 20120330; RU 2009114852 A 20101027; RU 2441899 C2 20120210; TW 200819526 A 20080501; TW I445812 B 20140721; UA 96163 C2 20111010; US 2010065413 A1 20100318; US 8764944 B2 20140701; WO 2008034531 A1 20080327

DOCDB simple family (application)
DE 102006045056 A 20060921; AP 2009004792 A 20070907; AR P070104167 A 20070920; AU 2007299285 A 20070907; BR PI0716868 A 20070907; CA 2663541 A 20070907; CL 2007002739 A 20070921; CN 200780034997 A 20070907; CO 09030077 A 20090324; EP 07802202 A 20070907; EP 2007007812 W 20070907; JP 2009528616 A 20070907; KR 20097005541 A 20090318; MX 2009003052 A 20070907; MY PI20091106 A 20070907; NZ 57531607 A 20070907; RU 2009114852 A 20070907; TW 96132864 A 20070904; UA A200903923 A 20070907; US 31115107 A 20070907