

Title (en)
COKE AND METHOD FOR PRODUCING SAME

Title (de)
KOKS UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
COKE, ET PROCÉDÉ DE FABRICATION DE CELUI-CI

Publication
EP 2871226 A4 20160224 (EN)

Application
EP 13813557 A 20130628

Priority
• JP 2012152145 A 20120706
• JP 2013067936 W 20130628

Abstract (en)
[origin: EP2871226A1] This coke is characterized by being obtained by mixing 2 to 8% ashless coal with coal and carbonizing the mixture thereby produced, and is further characterized in that the maximum fluidity (MF) value (log (ddpm)) of the mixture of coal and ashless coal is 1.8 to 3.0. By keeping the additive rate of the ashless coal at 8% or less while compensating for the caking property using the ashless coal, and ensuring the overall fluidity using the coal, volume break and inhibition of the growth of crystals due to the ashless coal is prevented, thereby allowing coke with large particles to be produced.

IPC 8 full level
C10B 57/04 (2006.01); **C10B 57/08** (2006.01)

CPC (source: CN EP KR)
C10B 57/04 (2013.01 - CN EP KR); **C10B 57/08** (2013.01 - CN EP KR)

Citation (search report)
• [X] WO 2007105682 A1 20070920 - KOBE STEEL LTD [JP], et al
• [X] OKUYAMA N ET AL: "Thermoplasticity improvement of coal blends by adding solvent-extracted coal", 27TH ANNUAL INTERNATIONAL PITTSBURGH COAL CONFERENCE 2010, PCC 2010 - 27TH ANNUAL INTERNATIONAL PITTSBURGH COAL CONFERENCE 2010, PCC 2010 INTERNATIONAL PITTSBURGH COAL CONFERENCE USA, vol. 1, 2010, pages 823 - 835, XP008178529
• See references of WO 2014007184A1

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US2017096603A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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EP 13813557 A 20130628; CN 201380035619 A 20130628; JP 2012152145 A 20120706; JP 2013067936 W 20130628; KR 20147036467 A 20130628; TW 102124182 A 20130705