

Title (en)

COKE DRY TYPE EXTINGUISHING FACILITY, AND COKE DRY TYPE EXTINGUISHING METHOD

Title (de)

KOKSLÖSCHVORRICHTUNG VOM TROCKENTYP UND KOKSLÖSCHVERFAHREN VOM TROCKENTYP

Title (fr)

INSTALLATION D'EXTINCTION À SEC DU COKE, ET PROCÉDÉ D'EXTINCTION À SEC DU COKE

Publication

EP 2351811 B1 20170405 (EN)

Application

EP 08877397 A 20081014

Priority

JP 2008068583 W 20081014

Abstract (en)

[origin: EP2351811A1] Coke dry quenching equipment with a blast head that can make the descent of coke uniform in a chamber to contribute to the improvement of the efficiency of cooling the coke is provided. There is also provided a coke dry quenching method. In the coke dry quenching equipment (1), red-hot coke is charged from the upper portion of a chamber (3) formed to have a lower conical portion, descends inside the chamber while being cooled by a cooling gas injected from a cooling gas supply unit disposed at the lower portion of the chamber, and is then discharged from a coke discharge port (12) disposed in the lower portion of the chamber. In this configuration, at least one small head (45) is disposed below a main head having a diameter D of a blast head (4) disposed in the lower portion of the chamber, with the small head (45) having a diameter d smaller than the diameter D of the main head (41).

IPC 8 full level

C10B 39/02 (2006.01)

CPC (source: EP KR)

C10B 39/02 (2013.01 - EP KR); **F25D 31/00** (2013.01 - KR)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2351811 A1 20110803; EP 2351811 A4 20140521; EP 2351811 B1 20170405; BR PI0822803 A2 20190115; BR PI0822803 B1 20191210; CN 102186947 A 20110914; CN 102186947 B 20140903; JP 5341905 B2 20131113; JP WO2010044138 A1 20120308; KR 101316675 B1 20131010; KR 20110084921 A 20110726; TW 201014902 A 20100416; WO 2010044138 A1 20100422

DOCDB simple family (application)

EP 08877397 A 20081014; BR PI0822803 A 20081014; CN 200880131562 A 20081014; JP 2008068583 W 20081014; JP 2010533738 A 20081014; KR 20117010816 A 20081014; TW 97142862 A 20081106