

Title (en)

METHOD FOR OPERATING A STEAM GENERATOR

Title (de)

VERFAHREN ZUM BETRIEB EINES DAMPFERZEUGERS

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN GÉNÉRATEUR DE VAPEUR

Publication

EP 2906876 B2 20200101 (DE)

Application

EP 13777007 A 20131010

Priority

- DE 102012019928 A 20121011
- EP 2013071139 W 20131010

Abstract (en)

[origin: WO2014057025A2] The invention relates to a method for operating a steam generator having a boiler (1) fired with brown coal, having at least one first mill for grinding the brown coal. The method comprises milling pit-moist raw brown coal (7) in the first mill, branching off a drying flue gas stream (9) from the boiler (1), drying the raw brown coal (7) in the first mill in direct contact with the drying flue gas stream (9), blowing a flue gas/brown coal stream from the first mill into the boiler, and drying a subquantity of raw brown coal in a separate drying unit to give dry brown coal (8), and feeding the dry brown coal (8) from the separate drying unit into a flue gas brown coal stream (10) upstream of a burner allocation, or into the burner allocation.

IPC 8 full level

F23K 1/04 (2006.01)

CPC (source: EP)

F23K 1/04 (2013.01); **F23K 2201/20** (2013.01); **F23K 2201/501** (2013.01); **F23K 2203/002** (2013.01); **F23K 2203/202** (2013.01); **F23K 2900/01041** (2013.01)

Citation (opposition)

Opponent :

- US 5871161 A 19990216 - NISHIBORI SADA0 [JP]
- DE 10336802 A1 20050317 - KUSLOW ALEXANDER [DE]
- JP 2003094031 A 20030402 - FUJI PHOTO FILM CO LTD
- JP H10337536 A 19981222 - MIYAZAKI TAKAYUKI
- EP 0581089 A2 19940202 - BAHNEMANN MANFRED RECYCLING [DE]
- DE 4329773 C1 19941222 - SORG EDMUND [DE]
- Auszug aus "Abfallwirtschaft - Handbuch für Praxis und Lehre" von Bilitewski et al. (3. Auflage), veröffentlicht im Jahr 2000
- Auszug aus "Recycling-Handbuch-Strategien-Technologien-Produkte" von Nickel (Hrsg.), veröffentlicht im Jahr 1996

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)

WO 2014057025 A2 20140417; **WO 2014057025 A3 20150122**; AU 2013328717 A1 20150507; AU 2018202163 A1 20180426; AU 2018202163 B2 20190919; CA 2887109 A1 20140417; CA 2887109 C 20200901; CN 104781606 A 20150715; CN 104781606 B 20170829; DE 102012019928 A1 20140430; EP 2906876 A2 20150819; EP 2906876 B1 20161228; EP 2906876 B2 20200101; PL 2906876 T3 20170630; PL 2906876 T5 20200713

DOCDB simple family (application)

EP 2013071139 W 20131010; AU 2013328717 A 20131010; AU 2018202163 A 20180327; CA 2887109 A 20131010; CN 201380058873 A 20131010; DE 102012019928 A 20121011; EP 13777007 A 20131010; PL 13777007 T 20131010