

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

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- 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

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Citation (opposition)

Opponent :

- US 5871161 A 19990216 - NISHIBORI SADAO [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

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DOCDB simple family (publication)

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DE 102012019928 A1 20140430; EP 2906876 A2 20150819; EP 2906876 B1 20161228; EP 2906876 B2 20200101; PL 2906876 T3 20170630;  
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