

Title (en)
METHOD FOR GASIFYING CARBONACEOUS FUEL, METHOD FOR OPERATING IRON MILL, AND METHOD FOR PRODUCING GASIFIED GAS

Title (de)
VERFAHREN ZUR VERGASUNG VON KOHLENSTOFFHALTIGEN BRENNSTOFFEN, VERFAHREN ZUM BETRIEB EINER EISENHÜTTE UND VERFAHREN ZUR HERSTELLUNG VON VERGASTEM GAS

Title (fr)
PROCÉDÉ POUR GAZÉIFIER UN COMBUSTIBLE CARBONÉ, PROCÉDÉ D'EXPLOITATION D'UNE USINE SIDÉRURGIQUE ET PROCÉDÉ DE PRODUCTION DE GAZ GAZÉIFIÉ

Publication
EP 3378921 A4 20190109 (EN)

Application
EP 16866072 A 20161018

Priority

- JP 2015224917 A 20151117
- JP 2016080783 W 20161018

Abstract (en)
[origin: EP3378921A1] The present invention addresses the problem of providing: a method for gasifying a carbonaceous fuel, the method allowing the carbonaceous fuel to be gasified in high yield; a method for operating an iron mill that uses the carbonaceous fuel by gasifying the same in high yield; and a method for producing gasified gas, the method allowing the gasified gas to be produced from the carbonaceous fuel in high yield. This problem is solved by supplying the carbonaceous fuel and a gasifying agent that includes H₂, CO₂, and H₂O into a fluidized bed gasifier that uses quicklime as a fluidizing medium.

IPC 8 full level
C10J 3/54 (2006.01); **C10J 3/46** (2006.01)

CPC (source: EP KR)
C10J 3/46 (2013.01 - EP); **C10J 3/54** (2013.01 - KR); **C10K 3/04** (2013.01 - EP); **C10J 2300/0913** (2013.01 - KR); **C10J 2300/0966** (2013.01 - EP KR); **C10J 2300/0969** (2013.01 - EP KR); **C10J 2300/0973** (2013.01 - EP); **C10J 2300/0976** (2013.01 - KR); **C10J 2300/0993** (2013.01 - EP); **C10J 2300/0996** (2013.01 - EP); **C21B 13/0073** (2013.01 - EP)

Citation (search report)

- [X] US 2014158941 A1 20140612 - LIU GUOHAI [US], et al
- [A] US 2010181539 A1 20100722 - APANEL GEORGE [US], et al
- [A] WO 2013062800 A1 20130502 - RENTECH INC [US], et al
- See references of WO 2017086070A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3378921 A1 20180926; EP 3378921 A4 20190109; AU 2016357856 A1 20180517; CN 108350370 A 20180731; JP 2017088831 A 20170525; JP 6406222 B2 20181017; KR 20180061323 A 20180607; WO 2017086070 A1 20170526

DOCDB simple family (application)
EP 16866072 A 20161018; AU 2016357856 A 20161018; CN 201680066930 A 20161018; JP 2015224917 A 20151117; JP 2016080783 W 20161018; KR 20187012291 A 20161018