

Title (en)

METHOD AND DEVICE FOR PROCESSING IRON SILICATE ROCK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUFBEREITUNG VON EISENSILIKATGESTEIN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRAITEMENT D'UNE ROCHE DE SILICATE DE FER

Publication

EP 3167084 A1 20170517 (DE)

Application

EP 15749967 A 20150618

Priority

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- DE 2015000314 W 20150618

Abstract (en)

[origin: WO2016004913A1] The method is used to process iron silicate rock. At least one component is at least partially removed from the iron silicate rock. At least one component that is different from iron is thus removed from the iron silicate rock. The processed iron silicate rock is used for the production of pig iron or steel. The device for utilizing the processed silicate rock is designed as a device for producing pig iron or steel.

IPC 8 full level

C22B 7/04 (2006.01); **C21B 5/00** (2006.01)

CPC (source: CN EP KR US)

C21B 5/008 (2013.01 - EP US); **C21C 5/52** (2013.01 - EP US); **C21C 5/56** (2013.01 - EP KR US); **C21C 5/567** (2013.01 - EP KR US); **C22B 1/005** (2013.01 - CN); **C22B 7/04** (2013.01 - CN EP KR US); **C21C 5/36** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP KR US)

Citation (search report)

See references of WO 2016004913A1

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)

WO 2016004913 A1 20160114; **WO 2016004913 A8 20180215**; AU 2015285988 A1 20170202; CA 2954697 A1 20160114; CL 2017000062 A1 20170811; CN 107075606 A 20170818; DE 102014010442 A1 20160114; EA 201790172 A1 20170531; EP 3167084 A1 20170517; JP 2017528594 A 20170928; KR 20170047227 A 20170504; PE 20170513 A1 20170506; PH 12016502597 A1 20170424; US 2017183748 A1 20170629; ZA 201700109 B 20180425

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DE 2015000314 W 20150618; AU 2015285988 A 20150618; CA 2954697 A 20150618; CL 2017000062 A 20170110; CN 201580037641 A 20150618; DE 102014010442 A 20140711; EA 201790172 A 20150618; EP 15749967 A 20150618; JP 2017501384 A 20150618; KR 20177003683 A 20150618; PE 2017000039 A 20150618; PH 12016502597 A 20161223; US 201515325281 A 20150618; ZA 201700109 A 20170105