

Title (en)

METHOD FOR HANDLING A SLAG POT OR TANK AND PYROMETALLURGICAL TOOLS

Title (de)

VERFAHREN ZUR HANDHABUNG EINES SCHLACKETOPFES ODER -KANISTERS UND PYROMETALLURGISCHE WERKZEUGE

Title (fr)

PROCÉDÉ DE MANUTENTION DE CUVE OU POCHE À LAITIER ET D'OUTILS PYRO-METALLURGIQUES

Publication

EP 3551772 A1 20191016 (FR)

Application

EP 17828850 A 20171207

Priority

- BE 201605908 A 20161208
- EP 2017081823 W 20171207

Abstract (en)

[origin: WO2018104447A1] The invention relates to a method for handling a slag pot or tank or pyrometallurgical tools made of steel or cast iron, comprising the steps of spraying a mineral suspension on a wall and activating the operation of said slag pot or tank or pyrometallurgical tool, where said mineral suspension comprises calcium particles in suspension in an aqueous phase forming a slurry of calcium particles containing between 20 and 60 wt. % of calcium particles in relation to the weight of said slurry of calcium particles, said mineral layer being a thin layer.

IPC 8 full level

C21B 3/10 (2006.01); **F27D 1/16** (2006.01)

CPC (source: EP KR US)

C21B 3/10 (2013.01 - EP KR US); **F27D 1/1636** (2013.01 - EP KR); **F27D 3/1545** (2013.01 - US)

Citation (search report)

See references of WO 2018104447A1

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)

BE 1024470 B1 20180228; AU 2017373747 A1 20190620; AU 2017373747 B2 20230713; BR 112019011470 A2 20191022; BR 112019011470 B1 20220719; EP 3551772 A1 20191016; EP 3551772 B1 20230607; EP 3551772 C0 20230607; ES 2951208 T3 20231018; FR 3060019 A1 20180615; JP 2020501024 A 20200116; KR 20190092450 A 20190807; MX 2019006313 A 20190712; MY 197305 A 20230612; PH 12019501214 A1 20190819; PL 3551772 T3 20231009; TW 201833338 A 20180916; TW I750276 B 20211221; US 11221181 B2 20220111; US 2019376746 A1 20191212; WO 2018104447 A1 20180614; ZA 201903542 B 20201223

DOCDB simple family (application)

BE 201605908 A 20161208; AU 2017373747 A 20171207; BR 112019011470 A 20171207; EP 17828850 A 20171207; EP 2017081823 W 20171207; ES 17828850 T 20171207; FR 1761780 A 20171207; JP 2019530041 A 20171207; KR 20197018047 A 20171207; MX 2019006313 A 20171207; MY PI2019003149 A 20171207; PH 12019501214 A 20190531; PL 17828850 T 20171207; TW 106142873 A 20171207; US 201716467161 A 20171207; ZA 201903542 A 20190603