

Title (en)

PROCESS FOR THE HEAT TREATMENT OF MATERIAL IN A REACTOR HAVING A WALL ACTING AS SELF-CRUCIBLE

Title (de)

VERFAHREN ZUR WÄRMEBEHANDLUNG VON MATERIAL IN EINEM REAKTOR MIT EINER WAND ALS SELBSTSCHMELZTIEGEL

Title (fr)

PROCEDE DE TRAITEMENT THERMIQUE DE MATIERES DANS UN REACTEUR A PAROI EN AUTO-CREUSET

Publication

EP 2451905 B1 20190807 (FR)

Application

EP 10728717 A 20100708

Priority

- EP 2010059779 W 20100708
- FR 0903425 A 20090710

Abstract (en)

[origin: WO2011003966A2] Process for the heat treatment of material (4) in a reactor (1) having a high-temperature chamber (8) and a wall acting as self-crucible, comprising at least one step of determining the liquidus temperature Tliq of the ash resulting from the treated material, the operating temperature Top of the reactor in the steady state then being chosen such that Top > Tliq.

IPC 8 full level

C10J 3/48 (2006.01); **C10J 3/08** (2006.01); **C10J 3/46** (2006.01); **C10J 3/72** (2006.01); **C10J 3/74** (2006.01); **C10J 3/84** (2006.01)

CPC (source: EP US)

C10J 3/485 (2013.01 - EP US); **C10J 3/723** (2013.01 - EP US); **C10J 3/74** (2013.01 - EP US); **C10J 3/84** (2013.01 - EP US); **C10J 2200/152** (2013.01 - EP US); **C10J 2300/0903** (2013.01 - EP US); **C10J 2300/0916** (2013.01 - EP US); **C10J 2300/0959** (2013.01 - EP US); **C10J 2300/0983** (2013.01 - EP US); **C10J 2300/1634** (2013.01 - EP US); **C10J 2300/1846** (2013.01 - EP US)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011003966 A2 20110113; **WO 2011003966 A3 20110303**; BR 112012000620 B1 20180717; EP 2451905 A2 20120516; EP 2451905 B1 20190807; FR 2947834 A1 20110114; FR 2947834 B1 20110909; US 2012097516 A1 20120426; US 9181503 B2 20151110

DOCDB simple family (application)

EP 2010059779 W 20100708; BR 112012000620 A 20100708; EP 10728717 A 20100708; FR 0903425 A 20090710; US 20101338223 A 20100708