

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 A2 20120516 (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 T_{liq} of the ash resulting from the treated material, the operating temperature T_{op} of the reactor in the steady state then being chosen such that T_{op} > T_{liq}.

IPC 8 full level

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

Citation (search report)

See references of WO 2011003966A2

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