

Title (en)
IMPROVED ILMENITE SMELTING PROCESS

Title (de)
VERBESSERTES ILMENITSCHMELZVERFAHREN

Title (fr)
PROCÉDÉ DE FUSION D'ILMÉNITE AMÉLIORÉ

Publication
EP 3377659 A1 20180926 (EN)

Application
EP 16847594 A 20161118

Priority
• ZA 201508501 A 20151118
• ZA 2016050049 W 20161118

Abstract (en)
[origin: WO2017087997A1] A method of preparing a pre-reduced ilmenite ore for smelting, wherein metal oxides contained in the ore are selectively reduced in solid-state reactions over titanium oxide, the method including the step of pre-reducing carbon-based pellets of the ore.

IPC 8 full level
C22B 1/245 (2006.01); **C22B 34/12** (2006.01)

CPC (source: EP RU)
C21B 13/00 (2013.01 - RU); **C22B 1/245** (2013.01 - EP RU); **C22B 34/1209** (2013.01 - EP RU)

Citation (search report)
See references of WO 2017087997A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017087997 A1 20170526; AU 2016355732 A1 20180607; AU 2016355732 B2 20210520; BR 112018010072 A2 20181113; BR 112018010072 B1 20211221; CA 3005810 A1 20170526; CA 3005810 C 20220621; CN 108699624 A 20181023; CN 108699624 B 20200310; EP 3377659 A1 20180926; EP 3377659 B1 20201216; RU 2018118796 A 20191218; RU 2018118796 A3 20200228; RU 2720788 C2 20200513; SA 518391616 B1 20211213; ZA 201803241 B 20190130

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ZA 2016050049 W 20161118; AU 2016355732 A 20161118; BR 112018010072 A 20161118; CA 3005810 A 20161118; CN 201680079345 A 20161118; EP 16847594 A 20161118; RU 2018118796 A 20161118; SA 518391616 A 20180517; ZA 201803241 A 20180516