

Title (en)

RECOVERY OF METALS FROM CALCIUM-RICH MATERIALS

Title (de)

RÜCKGEWINNUNG VON METALLEN AUS CALCIUMREICH MATERIALIEN

Title (fr)

RÉCUPÉRATION DE MÉTAUX À PARTIR DE MATÉRIAUX RICHES EN CALCIUM

Publication

EP 3433389 A4 20191211 (EN)

Application

EP 16895295 A 20160322

Priority

FI 2016050179 W 20160322

Abstract (en)

[origin: WO2017162901A1] Provided herein is a process for recovering metal(s) from calcium rich iron containing material (8), comprising (a) leaching (1) calcium one or more times from said calcium rich iron containing material (8) to obtain a calcium depleted iron containing material (13); and (b) subjecting the calcium depleted iron containing material (13) to pyrometallurgical treatment (3) to recover metal(s) (17) from said calcium depleted iron containing material (13).

IPC 8 full level

C22B 3/04 (2006.01); **C22B 3/06** (2006.01); **C22B 7/04** (2006.01); **C22B 34/22** (2006.01)

CPC (source: EP)

C22B 3/04 (2013.01); **C22B 3/06** (2013.01); **C22B 7/04** (2013.01); **C22B 34/22** (2013.01); **Y02P 10/20** (2015.11)

Citation (search report)

- [A] US 2011139628 A1 20110616 - TEIR SEBASTIAN [FI], et al
- See references of WO 2017162901A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2017162901 A1 20170928; CA 3018028 A1 20170928; CA 3018028 C 20230912; CN 108779512 A 20181109; EA 036823 B1 20201224; EA 201891862 A1 20190228; EP 3433389 A1 20190130; EP 3433389 A4 20191211; ZA 201806272 B 20190731

DOCDB simple family (application)

FI 2016050179 W 20160322; CA 3018028 A 20160322; CN 201680083696 A 20160322; EA 201891862 A 20160322; EP 16895295 A 20160322; ZA 201806272 A 20180918