

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)
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

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