

Title (en)

MOLTEN SALT ELECTROLYZER FOR REDUCING METAL, METHOD OF ELECTROLYZING THE SAME AND PROCESS FOR PRODUCING HIGH-MELTING-POINT METAL WITH USE OF REDUCING METAL

Title (de)

SCHMELZFLUSSELEKTROLYSEVORRICHTUNG FÜR REDUZIERENDES METALL, ELEKTROLYSEVERFAHREN DAFÜR UND VERFAHREN ZUR HERSTELLUNG VON HOCHSCHMELZENDEM METALL UNTER VERWENDUNG VON REDUZIERENDEM METALL

Title (fr)

ÉLECTROLYSEUR À SEL FONDU POUR MÉTAL RÉDUCTEUR, SON PROCÉDÉ D'ÉLECTROLYSE ET PROCESSUS DE PRODUCTION D'UN MÉTAL À HAUT POINT DE FUSION EN UTILISANT DU MÉTAL RÉDUCTEUR

Publication

**EP 1944392 A4 20101215 (EN)**

Application

**EP 06767095 A 20060621**

Priority

- JP 2006312436 W 20060621
- JP 2005273658 A 20050921

Abstract (en)

[origin: EP1944392A1] A molten salt electrolyzer for reducing metal comprises an electrolytic cell filled with a molten salt composed of a reducing metal chloride, an anode immersed in the molten salt of the electrolytic cell and surrounded by a first wall at the periphery thereof, and a cathode immersed in the molten salt of the electrolytic cell and surrounded by a second wall at the periphery thereof.

IPC 8 full level

**C25C 3/02** (2006.01); **C25C 7/00** (2006.01); **C25C 7/04** (2006.01)

CPC (source: EP US)

**C25C 3/02** (2013.01 - EP US); **C25C 7/005** (2013.01 - EP US); **C25C 7/04** (2013.01 - EP US)

Citation (search report)

- [A] GB 712742 A 19540728 - TITAN CO INC
- [A] US 4521281 A 19850604 - KADIJA IGOR V [US]
- See references of WO 2007034605A1

Cited by

CN111020228A; CN105220182A; CN108754562A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1944392 A1 20080716**; **EP 1944392 A4 20101215**; AU 2006293385 A1 20070329; JP WO2007034605 A1 20090319; US 2009152104 A1 20090618; WO 2007034605 A1 20070329

DOCDB simple family (application)

**EP 06767095 A 20060621**; AU 2006293385 A 20060621; JP 2006312436 W 20060621; JP 2007536407 A 20060621; US 6767006 A 20060621