Title (en)

USE OF A BINARY SALT FLUX OF NaCl AND MgCl2 FOR THE PURIFICATION OF ALUMINUM OR ALUMINUM ALLOYS, AND METHOD THEREOF

Title (de)

VERWENDUNG EINES BINÄREN NACI- UND MGCI2-SALZFLUSSES ZUR REINIGUNG VON ALUMINIUM ODER ALUMINIUMLEGIERUNGEN SOWIE VERFAHREN DAFÜR

Title (fr)

UTILISATION D'UN FLUX SALIN BINAIRE DE NACL ET DE MGCL2 POUR LA PURIFICATION D'ALUMINIUM OU D'ALLIAGES D'ALUMINIUM ET PROCÉDÉ CORRESPONDANT

Publication

EP 2446065 B2 20240221 (EN)

Application

EP 10785623 A 20100608

Priority

- CA 2010000866 W 20100608
- CA 2668473 A 20090608

Abstract (en)

[origin: WO2010142025A1] A use and a method for the purification of a metal selected from the group consisting of aluminum and aluminum alloys, wherein said metal is in a liquid phase and is contacted with a salt flux consisting of a binary mixture of NaCl and MgCl2. Preferably, more than 22 % by weight of the binary mixture consists of NaCl.

IPC 8 full level

C22B 21/06 (2006.01); **C22B 9/10** (2006.01)

CPC (source: EP)

C22B 9/10 (2013.01); **C22B 21/06** (2013.01); **C22B 21/062** (2013.01)

Citation (opposition)

Opponent :

- WO 2005049875 A1 20050602 - CORUS TECHNOLOGY BV [NL], et al
- US 4138245 A 19790206 - STARY RUDOLF

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2010142025 A1 20101216; AU 2010258042 A1 20111222; AU 2010258042 B2 20140123; BR PI1015440 A2 20180717; CA 2668473 A1 20101208; CA 2668473 C 20140819; CN 102459663 A 20120516; EP 2446065 A1 20120502; EP 2446065 A4 20170315; EP 2446065 B1 20201216; EP 2446065 B2 20240221; ES 2862528 T3 20211007; JP 2012529565 A 20121122; RU 2011147513 A 20130720

DOCDB simple family (application)

CA 2010000866 W 20100608; AU 2010258042 A 20100608; BR PI1015440 A 20100608; CA 2668473 A 20090608; CN 201080025076 A 20100608; EP 10785623 A 20100608; ES 10785623 T 20100608; JP 2012514304 A 20100608; RU 2011147513 A 20100608