Title (en)

SERIES OF ELECTROLYSIS CELLS FOR THE PRODUCTION OF ALUMINIUM COMPRISING MEANS FOR BALANCING THE MAGNETIC FIELDS AT THE END OF THE LINE

Title (de)

REIHE VON ELEKTROLYSEZELLEN ZUR HERSTELLUNG VON ALUMINIUM MIT MITTELN ZUM AUSGLEICH DER MAGNETFELDER AM ENDE DER REIHE

Title (fr)

SERIE DE CELLULES D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM COMPORTANT DES MOYENS POUR EQUILIBRER LES CHAMPS MAGNETIQUES EN EXTREMITE DE FILE

Publication

EP 3362590 A4 20190724 (FR)

Application

EP 16855008 A 20161003

Priority

- FR 1502186 A 20151015
- IB 2016001437 W 20161003

Abstract (en)

[origin: WO2017064547A1] The invention relates to a series (1) of electrolysis cells (100) intended for the production of aluminium, comprising: two rectilinear and parallel lines (F, F') of electrolysis cells electrically connected in series, a connecting conductor (20) between a first end cell (100') of one line and the corresponding first end cell (100') of the other line, and at least one magnetic balancing circuit (21) for balancing the end of line cells, comprising a first electrical conductor (22) for magnetic balancing of the end cells extending along one of the lines of cells, only opposite an end portion (P) of the first line of cells.

IPC 8 full level

C25C 3/16 (2006.01)

CPC (source: EP RU)

C25C 3/16 (2013.01 - EP); **C25C 3/20** (2013.01 - RU)

Citation (search report)

- [AD] FR 2868436 A1 20051007 - ALUMINIUM PECHINEY SOC PAR ACT [FR]
- [AD] US 4189368 A 19800219 - EVDOKIMOV SVETOZAR V [SU], et al
- [AD] US 3775280 A 19731127 - NIKIFOROV V, et al
- [A] DATABASE WPI Week 201367, 22 May 2013 Derwent World Patents Index; AN 2013-Q90125, XP002759758
- [A] DATABASE WPI Week 201367, 15 April 2015 Derwent World Patents Index; AN 2013-Q90124, XP002759759
- See references of WO 2017064547A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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