

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 EXTREME DE FILE

Publication
EP 3362590 B1 20200429 (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)

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 2017064547 A1 20170420; AU 2016339054 A1 20180412; AU 2016339054 B2 20210610; CA 3000482 A1 20170420; CA 3000482 C 20230815; CN 108368624 A 20180803; CN 108368624 B 20200714; EP 3362590 A1 20180822; EP 3362590 A4 20190724; EP 3362590 B1 20200429; FR 3042509 A1 20170421; FR 3042509 B1 20171103; RU 2018117703 A 20191115; RU 2018117703 A3 20191231; RU 2722026 C2 20200526; ZA 201801921 B 20190731

DOCDB simple family (application)
IB 2016001437 W 20161003; AU 2016339054 A 20161003; CA 3000482 A 20161003; CN 201680060619 A 20161003; EP 16855008 A 20161003; FR 1502186 A 20151015; RU 2018117703 A 20161003; ZA 201801921 A 20180322