

Title (en)

PLANT AND PROCESS FOR THE ANODIZING TREATMENT OF PRODUCTS MADE OF ALUMINIUM OR ITS ALLOYS

Title (de)

ANLAGE UND VERFAHREN ZUR ANODISIERUNGSBEHANDLUNG VON PRODUKTEN AUS ALUMINIUM ODER SEINEN LEGIERUNGEN

Title (fr)

INSTALLATION ET PROCÉDÉ DE TRAITEMENT D'ANODISATION DE PRODUITS FAITS EN ALUMINIUM OU ALLIAGES DE CE DERNIER

Publication

EP 3117028 A1 20170118 (EN)

Application

EP 15718575 A 20150310

Priority

- IT MI20140385 A 20140311
- IB 2015000307 W 20150310

Abstract (en)

[origin: WO2015136353A1] A plant and a process are disclosed for the continuous anodizing treatment of products made of aluminium or alloys thereof. The plant comprises means for feeding the products along a treatment path, at least one tank for collecting and/or storing a liquid electrolyte solution and a plurality of pipes made of an electrically insulating material and adapted for supplying jets of the liquid electrolyte solution towards the products along the treatment path, the solution being pressurized by a pump. Cathode electrodes are arranged in electric contact with the liquid electrolyte solution, and anode electrodes are arranged in electric contact with the products.

IPC 8 full level

C25D 11/08 (2006.01); **C25D 11/00** (2006.01); **C25D 17/12** (2006.01); **C25D 21/10** (2006.01)

CPC (source: EP)

C25D 11/005 (2013.01); **C25D 11/08** (2013.01); **C25D 17/12** (2013.01); **C25D 21/10** (2013.01)

Citation (search report)

See references of WO 2015136353A1

Cited by

IT201900020386A1; WO2021090229A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015136353 A1 20150917; EP 3117028 A1 20170118; EP 3117028 B1 20191120; ES 2772808 T3 20200708

DOCDB simple family (application)

IB 2015000307 W 20150310; EP 15718575 A 20150310; ES 15718575 T 20150310