

Title (en)
PROCESS FOR CONTINUOUS ELECTROCHEMICAL TINNING OF AN ALUMINIUM WIRE

Title (de)
VERFAHREN ZUR KONTINUIERLICHEN ELEKTROCHEMISCHEN VERZINNUNG VON ALUMINIUMDRÄHTEN

Title (fr)
PROCÉDÉ D'ÉTAMAGE ÉLECTROCHIMIQUE EN CONTINU DE FILS D'ALUMINIUM

Publication
EP 3093376 B1 20180321 (EN)

Application
EP 16162541 A 20160329

Priority
IT UB20150022 A 20150511

Abstract (en)
[origin: EP3093376A1] A process for continuous electrochemical tinning of an aluminum wire (1), comprises the steps of: providing an aluminum wire (1), performing the pickling of the aluminum wire (1), by passing it through a pickling tank (4) containing a pickling solution, performing carburization of the aluminum wire (1) by passing it through a carburization tank (5) containing a carburization solution, performing the alkaline copper plating of the aluminum wire (1) by passing it through an alkaline copper plating tank 6 containing an alkaline copper plating solution, performing acid copper plating of the aluminum wire (1) by passing it through an acid copper plating tank (7) containing an acid copper plating solution, performing tinning of the aluminum wire (1) by passing it through a tinning tank (8) containing tinning solution.

IPC 8 full level
C25D 5/10 (2006.01); **C25D 3/32** (2006.01); **C25D 3/38** (2006.01); **C25D 5/44** (2006.01); **C25D 7/06** (2006.01)

CPC (source: EP US)
C25D 3/32 (2013.01 - EP); **C25D 3/38** (2013.01 - EP); **C25D 5/10** (2013.01 - EP US); **C25D 5/44** (2013.01 - EP); **C25D 7/0607** (2013.01 - EP)

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