

Title (en)

PROCESS FOR PRODUCTION OF MAGNESIUM CONTAINING ALUMINIUM STRIP OR WEB MATERIAL WITH IMPROVED ADHESION

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MAGNESIUMHALTIGEM ALUMINIUMSTREIFEN ODER BAHNENMATERIAL MIT VERBESSERTER HAFTUNG

Title (fr)

PROCÉDÉ POUR LA PRODUCTION DE MATIÈRE EN BANDE OU FEUILLE CONTINUE D'ALUMINIUM CONTENANT DU MAGNÉSIUM PRÉSENTANT UNE ADHÉRENCE AMÉLIORÉE

Publication

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Application

EP 10830248 A 20101111

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Abstract (en)

[origin: WO2011059341A1] Process for the production of magnesium containing aluminium alloys, in particular magnesium containing rolled aluminium strip or sheet material, The process is characterized by the following steps: E. rolling to final thickness of the aluminium web F. levelling of the aluminium web G. electrochemical degreasing of the aluminium web H. soft annealing of the aluminium web. The electrochemical degreasing is done by alternating current (AC) processing of the aluminium sheet material in hot sulphuric acid resulting in a thin aluminium oxide layer on the surface of between 10 - 20nm. The hereby degreased material give excellent adhesion since there is no magnesium oxide on the surface.

IPC 8 full level

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CPC (source: EP)

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