

Title (en)

METHOD FOR THE MANUFACTURE OF AN ALUMINIUM ALLOY PLATE PRODUCT HAVING LOW LEVELS OF RESIDUAL STRESS

Title (de)

HERSTELLUNGSVERFAHREN EINES ALUMINIUMLEGIERUNGSPLETTENPRODUKTS MIT GERINGER EIGENSPENNUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE PRODUIT PLAT EN ALLIAGE D'ALUMINIUM DOTÉ DE FAIBLES NIVEAUX DE CONTRAINTES RÉSIDUELLES

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Application

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Abstract (en)

[origin: WO2010081889A1] The invention relates to a method of the manufacture of a thick gauge aluminium alloy plate having reduced level of residual stress, said method comprising (a) providing a solution heat-treated and quenched aluminium alloy plate having a thickness of at least 80 mm, (b) stress-relieving said plate by cold rolling the plate to achieve a reduction in the thickness direction of the plate product in a range of up to 8%.

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