

Title (en)

ALUMINUM ALLOY SHEET FOR CONNECTING COMPONENTS AND MANUFACTURING PROCESS THEREFOR

Title (de)

ALUMINIUMLEGIERUNGSBLECH ZUM VERBINDEN VON BAUTEILEN SOWIE HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

FEUILLE D'ALLIAGE D'ALUMINIUM POUR COMPOSANTS DE CONNEXION ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 13746696 A 20130205

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Abstract (en)

The present invention addresses the problem of providing an aluminum alloy sheet for connecting components which exhibits excellent creep resistance and bending workability while keeping excellent conductivity and a manufacturing process therefor. This aluminum alloy sheet is characterized by: consisting of an aluminum alloy that contains 0.3 to 1.5 mass % of Si and 0.3 to 1.0 mass % of Mg with the balance being Al and inevitable impurities; exhibiting an electrical conductivity of 45.0 % IACS or higher; and exhibiting a Cube orientation density of 15 or more on the surface of the sheet as determined by orientation distribution function analysis.

IPC 8 full level

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Cited by

GB2552399A; US10475547B2; US11692255B2; US11821065B2; WO2018080710A1; US10913107B2; US11590565B2; US11806779B2

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