

Title (en)

ALUMINUM ALLOY SHEET AND ALUMINUM ALLOY SHEET MANUFACTURING METHOD

Title (de)

ALUMINIUMLEGIERUNGSBLECH UND ALUMINIUMLEGIERUNGSBLECHHERSTELLUNGSVERFAHREN

Title (fr)

FEUILLE D'ALLIAGE D'ALUMINIUM ET PROCÉDÉ DE FABRICATION DE FEUILLE D'ALLIAGE D'ALUMINIUM

Publication

EP 3438302 A1 20190206 (EN)

Application

EP 17775369 A 20170330

Priority

- JP 2016067007 A 20160330
- JP 2016213789 A 20161031
- JP 2017013179 W 20170330

Abstract (en)

In a differential scanning calorimetric curve of an Al-Mg-Si aluminum alloy sheet with a specific composition in which the total content of Mg and Si is greater than 1.2%, a ratio (B/A) of an endothermic peak within the temperature range of 150-230 °C with a height A of 3-10 μW/mg to an exothermic peak within the temperature range of 230 °C or above and below 330 °C with a height B of 20-50 μW/mg is to be within a specified range.

IPC 8 full level

C22C 21/02 (2006.01); **C22C 21/06** (2006.01); **C22C 21/12** (2006.01); **C22F 1/00** (2006.01); **C22F 1/05** (2006.01)

CPC (source: EP US)

C22C 21/02 (2013.01 - EP US); **C22C 21/08** (2013.01 - EP US); **C22F 1/05** (2013.01 - EP US); **C22C 21/12** (2013.01 - EP US); **C22C 2202/00** (2013.01 - US)

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)

EP 3438302 A1 20190206; **EP 3438302 A4 20200115**; CN 108884524 A 20181123; CN 108884524 B 20210608; JP 2017186641 A 20171012; JP 6306123 B2 20180404; US 2019127825 A1 20190502

DOCDB simple family (application)

EP 17775369 A 20170330; CN 201780016619 A 20170330; JP 2016213789 A 20161031; US 201716088679 A 20170330