

Title (en)

ALUMINUM ALLOY-PLATED STEEL SHEET HAVING EXCELLENT RESISTANCE TO WELDING LIQUATION BRITTLENESS AND EXCELLENT PLATING ADHESION

Title (de)

MIT ALUMINIUMLEGIERUNG PLATTIERTES STAHLBLECH MIT AUSGEZEICHNETER BESTÄNDIGKEIT GEGEN SCHWEISSSEIGERUNGSSPRÖDIGKEIT UND HERVORRAGENDER PLATTIERUNGSHAFTUNG

Title (fr)

TÔLE D'ACIER PLAQUÉE D'ALLIAGE D'ALUMINIUM PRÉSENTANT UNE EXCELLENTE RÉSISTANCE À LA FRAGILISATION PAR LIQUATION DE SOUDURE ET UNE EXCELLENTE ADHÉRENCE DE PLACAGE

Publication

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Application

EP 18892684 A 20181218

Priority

- KR 20170178866 A 20171222
- KR 2018016109 W 20181218

Abstract (en)

[origin: EP3730665A1] The present invention relates to an aluminum alloy-plated steel sheet having excellent resistance to welding liquation brittleness and excellent plating adhesion. An aluminum alloy-plated steel sheet according to one aspect of the present invention may include: a base steel sheet; and an aluminum alloy plating film including, in wt%, 5-30% of Zn, 0.5-5% of Mg, and 0.01-3% of Mn.

IPC 8 full level

C22C 21/10 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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EP4265814A4

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

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