Title (en)

Aluminium band for lithographic pressure plate carriers with water-based coatings

Title (de)

Aluminiumband für lithografische Druckplattenträger mit Wasser basierenden Beschichtungen

Title (fr)

Bande en aluminium pour support de plaques d'impression lithographique doté de revêtements à base d'eau

Publication

EP 2495106 B1 20150513 (DE)

Application

EP 11156689 A 20110302

Priority

EP 11156689 A 20110302

Abstract (en)

[origin: EP2495106A1] The aluminum alloy strip (6) for producing a printing plate carrier with water-based coatings, comprises etch figures, with a cubic etching of 1000 mm 2>maximum 350, prepared in a longitudinal section using water as a lubricant. A longitudinal extension of the etch figure is maximum 15 mu m. The aluminum alloy sheet has a thickness of 0.5 mu m. An independent claim is included for a process for producing an aluminum alloy strip.

IPC 8 full level

B41N 1/08 (2006.01); **B22D 25/06** (2006.01)

CPC (source: EP KR US)

B22D 25/06 (2013.01 - US); **B41N 1/08** (2013.01 - KR); **B41N 1/083** (2013.01 - EP US); Y10T 428/12993 (2015.01 - EP US)

Citation (opposition)

Opponent : Novelis Inc.

- WO 2007045676 A1 20070426 - HYDRO ALUMINIUM DEUTSCHLAND [DE], et al
- EP 1065071 A1 20010103 - VAW VER ALUMINIUM WERKE AG [DE]
- WO 2007115167 A2 20071011 - ALCOA INC [US], et al
- EP 0239995 A2 19871007 - FURUKAWA ALUMINIUM [JP], et al
- EP 1293579 A2 20030319 - FUJI PHOTO FILM CO LTD [JP]
- JP 2004292862 A 20041021 - FURUKAWA SKY KK, et al
- RAJA R. ROY, TORSTEIN A. UTIGARD, CLAUDE DUPUIS: "INCLUSION REMOVAL KINETICS DURING CHLORINE FLUXING OF MOLTEN ALUMINUM", LIGHT METALS, 2001, pages 991 - 997, XP055483565
- PIERRE LE BRUN: "Melt Treatment-Evolution and Perspectives", LIGHT METALS, 2008, pages 59 - 64, XP055483574
- PETER WAITE: "A Technical Perspective on Molten Aluminium Processing", LIGHT METALS, 2002, pages 51 - 58, XP055483586

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

DOCDB simple family (publication)

EP 2495106 A1 20120905; **EP 2495106 B1 20150513**; BR 112013020021 A2 20170613; BR 112013020021 B1 20210518; CN 103380007 A 20131030; CN 103380007 B 20160518; ES 2544707 T3 20150903; JP 2014514178 A 20140619; JP 5588075 B2 20140910; KR 101541438 B1 20150803; KR 20130143710 A 20131231; US 2014000469 A1 20140102; US 8857332 B2 20141014; WO 2012117084 A1 20120907

DOCDB simple family (application)

EP 11156689 A 20110302; BR 112013020021 A 20120302; CN 201280009236 A 20120302; EP 2012053591 W 20120302; ES 11156689 T 20110302; JP 2013555883 A 20120302; KR 20137026160 A 20120302; US 201314013927 A 20130829