

Title (en)

COPPER ALLOY PLATE COMPRISING Co AND Si

Title (de)

KUPFERLEGIERUNGSPLATTE, DIE Co UND Si ENTHÄLT

Title (fr)

PLAQUE D'ALLIAGE DE CUIVRE COMPRENANT Co ET Si

Publication

EP 2679341 A1 20140101 (EN)

Application

EP 12763618 A 20120307

Priority

- JP 2011070183 A 20110328
- JP 2012055830 W 20120307

Abstract (en)

A Co-Si based copper alloy plate, comprising: Co: 0.5 to 3.0% by mass, Si: 0.1 to 1.0% by mass and the balance Cu with inevitable impurities, wherein the Co-Si based copper alloy plate satisfies the relationship {(60 degree specular gloss G(RD) in a rolling direction) - (60 degree specular gloss G(TD) in a direction transverse to rolling direction)} => 90%.

IPC 8 full level

C22C 9/06 (2006.01); **B24B 29/00** (2006.01); **C22F 1/08** (2006.01)

CPC (source: EP US)

C22C 9/06 (2013.01 - EP US); **C22F 1/08** (2013.01 - EP US); **C22C 9/10** (2013.01 - EP US); **Y10T 428/12993** (2015.01 - EP US)

Cited by

CN112695219A

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 2679341 A1 20140101; **EP 2679341 A4 20141224**; **EP 2679341 B1 20160727**; CN 103429388 A 20131204; CN 103429388 B 20161005; JP 2012201963 A 20121022; JP 4831552 B1 20111207; KR 101569262 B1 20151113; KR 20130122667 A 20131107; TW 201245471 A 20121116; TW I450985 B 20140901; US 2014065441 A1 20140306; WO 2012132805 A1 20121004

DOCDB simple family (application)

EP 12763618 A 20120307; CN 201280015350 A 20120307; JP 2011070183 A 20110328; JP 2012055830 W 20120307; KR 20137022995 A 20120307; TW 101108257 A 20120312; US 201214006880 A 20120307