

Title (en)  
ALUMINIUM ALLOY, PROCESS FOR MAKING ALUMINIUM ALLOY FIN STOCK MATERIAL AND HIGH STRENGTH ALUMINUM ALLOY FIN STOCK MATERIAL FOR HEAT EXCHANGER

Title (de)  
ALUMINIUMLEGIERUNG, VERFAHREN ZUR HERSTELLUNG EINES AUSGANGSMATERIALES FÜR RIPPEN AUS DER ALUMINIUMLEGIERUNG UND HOCHFESTIGES AUSGANGSMATERIAL FÜR RIPPEN AUS DER ALUMINIUMLEGIERUNG FÜR WÄRMETAUSCHER

Title (fr)  
ALLIAGE D'ALUMINIUM, PROCESSUS DE FABRICATION DE MATÉRIEL DE BASE POUR AILETTES EN ALLIAGE D'ALUMINIUM ET MATÉRIEL DE BASE HAUTE RÉSISTANCE POUR AILETTES EN ALLIAGE D'ALUMINIUM POUR ÉCHANGEUR DE CHALEUR

Publication  
**EP 3030684 A1 20160615 (EN)**

Application  
**EP 14755495 A 20140808**

Priority  
• US 201361863568 P 20130808  
• US 2014050346 W 20140808

Abstract (en)  
[origin: WO2015021383A1] The present invention provides an aluminum alloy fin stock alloy material with higher strength, and improved sag resistance for use in heat exchangers. This aluminum alloy fin stock alloy material was made by direct chill (DC) casting.

IPC 8 full level  
**C22C 21/00** (2006.01); **C22C 21/10** (2006.01); **C22F 1/04** (2006.01); **C22F 1/043** (2006.01); **C22F 1/053** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP KR US)  
**B22D 7/005** (2013.01 - EP KR US); **B22D 15/00** (2013.01 - EP US); **B22D 21/007** (2013.01 - EP US); **C21D 1/26** (2013.01 - US); **C21D 8/00** (2013.01 - US); **C21D 9/0068** (2013.01 - US); **C22C 21/00** (2013.01 - EP US); **C22C 21/02** (2013.01 - EP US); **C22C 21/04** (2013.01 - EP US); **C22C 21/10** (2013.01 - EP KR US); **C22F 1/04** (2013.01 - EP US); **C22F 1/043** (2013.01 - EP US); **C22F 1/053** (2013.01 - EP KR US); **F28F 1/124** (2013.01 - KR); **F28F 19/00** (2013.01 - US); **F28F 21/084** (2013.01 - EP KR US); **F28F 2215/00** (2013.01 - EP KR US); **F28F 2275/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015021383A1

Cited by  
US9719156B2

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)  
**WO 2015021383 A1 20150212**; BR 112016002234 A2 20170801; CA 2919193 A1 20150212; CN 105452499 A 20160330; EP 3030684 A1 20160615; JP 2016534223 A 20161104; KR 20160042056 A 20160418; KR 20180063380 A 20180611; MX 2016001557 A 20160502; US 2016195346 A1 20160707

DOCDB simple family (application)  
**US 2014050346 W 20140808**; BR 112016002234 A 20140808; CA 2919193 A 20140808; CN 201480044210 A 20140808; EP 14755495 A 20140808; JP 2016533468 A 20140808; KR 20167006163 A 20140808; KR 20187015733 A 20140808; MX 2016001557 A 20140808; US 201414909798 A 20140808