

Title (en)

BRASS ALLOY POWDER, BRASS ALLOY EXTRUDED MATERIAL AND METHOD FOR PRODUCING THE BRASS ALLOY EXTRUDED MATERIAL

Title (de)

MESSINGLEGIERUNGSPULVER, EXTRUDIERTES MESSINGLEGIERUNGSMATERIAL UND VERFAHREN ZUR HERSTELLUNG DES EXTRUDIERTEN MESSINGLEGIERUNGSMATERIALS

Title (fr)

POUDRE DE LAITON SPÉCIAL, MATIÈRE EXTRUDÉE DE LAITON SPÉCIAL ET PROCÉDÉ POUR LA FABRICATION DE LA MATIÈRE EXTRUDÉE DE LAITON SPÉCIAL

Publication

EP 2275582 A1 20110119 (EN)

Application

EP 09742676 A 20090424

Priority

- JP 2009058142 W 20090424
- JP 2008121475 A 20080507

Abstract (en)

Brass alloy powder has a brass composition formed by a mixed phase of \pm -phase and α -phase, and contains 0.5 to 5.0 mass% of chromium. The chromium includes a component that is solid-solved in a mother phase of brass, and a component that is precipitated at crystal grain boundaries.

IPC 8 full level

B22F 9/08 (2006.01); **B21C 23/00** (2006.01); **B21C 23/01** (2006.01); **B22F 1/00** (2006.01); **B22F 3/20** (2006.01); **C22C 1/04** (2006.01); **C22C 9/04** (2006.01); **C22F 1/00** (2006.01); **C22F 1/08** (2006.01)

CPC (source: EP US)

B21C 23/002 (2013.01 - EP US); **C22C 1/0425** (2013.01 - EP US); **C22C 9/04** (2013.01 - EP US); **C22F 1/08** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP US)

Cited by

ITBS20130119A1; IT202000004480A1; ITUA20163561A1; RU2733620C2; WO2017199147A1; US11351607B2; US11679436B2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2275582 A1 20110119; **EP 2275582 A4 20140820**; CN 102016089 A 20110413; CN 102016089 B 20120822; JP 5376604 B2 20131225; JP WO2009136552 A1 20110908; US 2011056591 A1 20110310; WO 2009136552 A1 20091112

DOCDB simple family (application)

EP 09742676 A 20090424; CN 200980116310 A 20090424; JP 2009058142 W 20090424; JP 2010511043 A 20090424; US 99125909 A 20090424