

Title (en)

COPPER BASED ALLOY FOR THE PRODUCTION OF METALLIC SOLID GLASSES

Title (de)

KUPFER-BASIERTE LEGIERUNG FÜR DIE HERSTELLUNG METALLISCHER MASSIVGLÄSER

Title (fr)

ALLIAGE À BASE DE CUIVRE DESTINÉ À LA FABRICATION DE VERRES MÉTALLIQUES SOLIDIFIÉS

Publication

EP 3444370 A1 20190220 (DE)

Application

EP 17186878 A 20170818

Priority

EP 17186878 A 20170818

Abstract (en)

[origin: WO2019034506A1] The present invention relates to an alloy of the following composition: Cu47at%-(x+y+z)(Ti a Zr b) c Ni 7at%+x Sn1at%+y Si z, wherein c = 43 - 47 at%, a = 0.65-0.85, b=0.15-0.35, wherein a+b=1.00; x = 0-7 at%; y = 0-3 at%, z = 0-3 at%, wherein y+z ≤ 4 at%.

Abstract (de)

Die vorliegende Erfindung betrifft eine Legierung, die folgende Zusammensetzung aufweist: ##### Cu 47at%-(x+y+z) (Ti a Zr b) c Ni 7at%+x Sn 1at%+y Si z wobei c = 43 - 47 at%, a = 0.65-0.85, b=0.15-0.35, wobei a+b=1.00; x = 0-7 at%; y = 0-3 at%, z = 0-3 at%, wobei y+z ≤ 4 at%.

IPC 8 full level

C22C 30/02 (2006.01); **C22C 1/02** (2006.01); **C22C 9/00** (2006.01); **C22C 30/04** (2006.01); **C22C 45/00** (2006.01)

CPC (source: EP KR US)

B22D 21/025 (2013.01 - EP KR US); **B22D 25/06** (2013.01 - EP KR); **C22C 1/02** (2013.01 - EP KR US); **C22C 1/11** (2023.01 - EP KR); **C22C 9/00** (2013.01 - EP KR); **C22C 30/02** (2013.01 - EP KR); **C22C 30/04** (2013.01 - EP KR US); **C22C 45/001** (2013.01 - EP KR US)

Citation (applicant)

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Citation (search report)

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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)

EP 3444370 A1 20190220; **EP 3444370 B1 20220309**; CN 110997959 A 20200410; JP 2020531683 A 20201105; JP 6997860 B2 20220204; KR 20200031132 A 20200323; US 11214854 B2 20220104; US 2020208243 A1 20200702; WO 2019034506 A1 20190221

DOCDB simple family (application)

EP 17186878 A 20170818; CN 201880052813 A 20180809; EP 2018071580 W 20180809; JP 2020507032 A 20180809; KR 20207004348 A 20180809; US 201816639236 A 20180809