

Title (en)
COMPONENT FOR MEDIA-CONDUCTING GAS OR WATER LINES COMPRISING A COPPER ALLOY

Title (de)
BAUTEIL FÜR MEDIENFÜHRENDE GAS- ODER WASSERLEITUNGEN, DAS EINE KUPFERLEGIERUNG ENTHÄLT

Title (fr)
COMPOSANT POUR DES CANALISATIONS D'EAU OU DE GAZ ACHEMINANT DES MILIEUX COMPRENANT UN ALLIAGE DE CUIVRE

Publication
EP 3225707 B1 20201230 (DE)

Application
EP 17151949 A 20170118

Priority
DE 202016101661 U 20160329

Abstract (en)
[origin: WO2017167441A2] The present invention relates to a component for media-conducting gas or water lines, in particular a fitting for supply lines of drinking water, wherein the component is at least partially made of a lead-free copper alloy which has the following alloy components in wt. %: $3.5 \text{ wt.} \% \leq \text{Sn} \leq 4.8 \text{ wt.} \%$; $1.5 \text{ wt.} \% \leq \text{Zn} \leq 3.5 \text{ wt.} \%$; $0.25 \text{ wt.} \% \leq \text{S} \leq 0.65 \text{ wt.} \%$; $0.015 \text{ wt.} \% \leq \text{P} \leq 0.1 \text{ wt.} \%$; and unavoidable impurities, with the rest being copper.

IPC 8 full level
C22C 9/02 (2006.01)

CPC (source: EP RU)
C22C 9/02 (2013.01 - EP RU); **C22C 9/04** (2013.01 - RU); **E03B 7/00** (2013.01 - RU)

Cited by
US2022016693A1; DE102018004702A1; EP3581667A3; EP3581667A2

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)
DE 202016101661 U1 20170630; DK 3225707 T3 20210406; EP 3225707 A1 20171004; EP 3225707 B1 20201230; PL 3225707 T3 20210719; RU 2712161 C1 20200124; WO 2017167441 A2 20171005; WO 2017167441 A3 20180301

DOCDB simple family (application)
DE 202016101661 U 20160329; DK 17151949 T 20170118; EP 17151949 A 20170118; EP 2017000374 W 20170328; PL 17151949 T 20170118; RU 2018137812 A 20170328