

Title (en)  
BRASS ALLOY

Title (de)  
MESSINGLEGIERUNG

Title (fr)  
ALLIAGE DE LAITON

Publication  
**EP 2467507 A1 20120627 (DE)**

Application  
**EP 10768172 A 20100817**

Priority  
• DE 102009038657 A 20090818  
• DE 2010000976 W 20100817

Abstract (en)  
[origin: WO2011020468A1] The invention relates to a brass alloy substantially consisting of copper and zinc. The alloy has at least one additional alloy component. A lead content is at most 0.1 weight percent. The zinc fraction is 40.5 to 46 weight percent. The alloy comprises a mixed crystal having fractions of an alpha microstructure and of a beta microstructure. The weight proportion of the beta microstructure is at least 30% and at most 70%.

IPC 8 full level  
**C22C 29/04** (2006.01)

CPC (source: EP US)  
**C22F 1/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011020468A1

Cited by  
EP4124667A1; DE102021119474A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102009038657 A1 20110224**; DE 112010003316 A5 20120628; EP 2467507 A1 20120627; EP 2467507 B1 20190227; ES 2724152 T3 20190906; HU E043477 T2 20190828; PL 2467507 T3 20190830; PT 2467507 T 20190513; TR 201906400 T4 20190521; US 2012207642 A1 20120816; WO 2011020468 A1 20110224

DOCDB simple family (application)  
**DE 102009038657 A 20090818**; DE 112010003316 T 20100817; DE 2010000976 W 20100817; EP 10768172 A 20100817; ES 10768172 T 20100817; HU E10768172 A 20100817; PL 10768172 T 20100817; PT 10768172 T 20100817; TR 201906400 T 20100817; US 201013391195 A 20100817