

Title (en)  
COPPER ALLOY AND METHOD FOR MANUFACTURING THE SAME

Title (de)  
KUPFERLEGIERUNG UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)  
ALLIAGE DE CUIVRE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 3085799 B1 20180117 (EN)**

Application  
**EP 16166305 A 20160421**

Priority  
• JP 2015087888 A 20150422  
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Abstract (en)  
[origin: EP3085799A1] The copper alloy of the present invention contains 5% by mass to 25% by mass of Ni, 5% by mass to 10% by mass of Sn, 0.005% by mass to 0.5% by mass of element A (element A being at least one selected from the group consisting of Nb, Zr and Ti), and 0.005% by mass or more of carbon. In the copper alloy, the mole ratio of the carbon to the element A is 10.0 or less. The copper alloy may further contain 0.01% by mass to 1% by mass of Mn. In this copper alloy, the element A may be present as carbide.

IPC 8 full level  
**C22C 9/06** (2006.01)

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**C22C 1/02** (2013.01 - CN); **C22C 1/023** (2013.01 - EP); **C22C 1/03** (2013.01 - EP); **C22C 9/00** (2013.01 - CN); **C22C 9/02** (2013.01 - CN EP); **C22C 9/06** (2013.01 - CN EP); **C22F 1/002** (2013.01 - CN); **C22F 1/08** (2013.01 - CN EP)

Cited by  
CN114351063A; EP4067520A1; CN115786766A

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