

Title (en)  
USE OF A COPPER ALLOY

Title (de)  
VERWENDUNG EINER KUPFERLEGIERUNG

Title (fr)  
UTILISATION D'UN ALLIAGE DE CUIVRE

Publication  
**EP 3850116 A1 20210721 (DE)**

Application  
**EP 19773350 A 20190913**

Priority  
• DE 102018122574 A 20180914  
• DE 2019100816 W 20190913

Abstract (en)  
[origin: WO2020052714A1] The invention relates to the use of a copper alloy which consists, in weight percent (mass proportions of the ladle analysis in %), of: silver (Ag) 0.020-0.50, zirconium (Zr) 0.050-0.50, phosphorus (P) at most 0.060, chromium (Cr) at most 0.005, the remainder copper (Cu) and other alloying elements including unavoidable impurities, the proportion of other alloying elements being less than or equal to ( $\leq$ ) 0.50, as a material for casting molds or casting mold components selected from the following group: mold plates, mold tubes, casting wheels, casting rolls, casting rollers, melting crucibles.

IPC 8 full level  
**C22C 9/00** (2006.01); **C22F 1/08** (2006.01)

CPC (source: EP KR RU US)  
**B22D 11/059** (2013.01 - RU); **C22C 9/00** (2013.01 - EP KR RU US); **C22F 1/08** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2020052714A1

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