

Title (en)
CAST COPPER ALLOY FOR ASYNCHRONOUS MACHINES

Title (de)
KUPFERGUSSLEGIERUNG FÜR ASYNCHRONMASCHINEN

Title (fr)
ALLIAGE CUIVREUX DE FONDERIE POUR MACHINES ASYNCHRONES

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Application
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Priority

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Abstract (en)
[origin: WO2014173498A1] The invention relates to a copper alloy having the following composition (in % by weight): in each case 0.05 to 0.5% of at least three elements selected from the group consisting of Ag, Ni, Zn, Sn and Al, remainder Cu and unavoidable impurities, optionally 0.01 to 0.2% of one or more elements selected from the group consisting of Mg, Ti, Zr, B, P, As, Sb. The invention also relates to a current-carrying structural part made of a copper alloy and also to a cage rotor having a plurality of conductor bars and two short-circuiting rings, which are cast in one piece from a copper alloy.

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