

Title (en)
Method for manufacturing copper alloys

Title (de)
Verfahren zur Herstellung von Kupferlegierungen

Title (fr)
Procédé pour la fabrication d'alliages de cuivre

Publication
EP 0517087 B1 19960228 (DE)

Application
EP 92108922 A 19920527

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• DE 4118037 A 19910601
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Abstract (en)
[origin: EP0517087A1] The invention relates to a method for manufacturing copper alloys of very high strength and very good formability, having a content of 2 to 10% of Ni, 2 to 12% of Sn, the remainder being Cu and usual impurities. Strengths of up to 1,500 N/mm<2> are achieved by solution-annealing after casting at 650 DEG C to 800 DEG C for a period of from 24 hours to 3 hours and - after preceding quenching, cold-forming being omitted - ageing for a period of from 14 days to 15 minutes at a temperature in the range from 260 DEG C to 380 DEG C.

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