

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**

Priority

- DE 4118037 A 19910601
- DE 4215576 A 19920512

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<sup>2</sup> 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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IPC 8 full level

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CPC (source: EP)

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