

This Sheet Has Been Replaced



ABSTRACT

In the present invention, in order to minimize the amount of deformation due to heat treatment, the content of Be is lowered than the conventional ones, and the decrease in strength accompanied by decreasing Be, is compensated by dissolving strengthening of Si and Al, and precipitation strengthening of intermetallic compounds NiBe and CoBe. Further, by precipitating such intermetallic compounds, workability and heat resistance are also improved simultaneously and aging treatment conditions are also made flexible.

Thus, according to the present invention, a beryllium-copper alloy having excellent strength, workability and heat resistance, can be provided economically, and particularly, as for aging materials, users' burden can be markedly decreased.

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