

Title (en)
COPPER ALLOY SHEET

Title (de)
KUPFERLEGIERUNGSBLECH

Title (fr)
TÔLE EN ALLIAGE DE CUIVRE

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Application
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Abstract (en)

The present invention relates to a Cu-Ni-Sn-P-based copper alloy sheet having a specific composition, where the texture of the copper alloy sheet is set to a texture such that the distribution density of B orientation and the sum of distribution densities of B orientation, S orientation and Cu orientation each is set to fall in a specific range and bendability is thereby enhanced. The Cu-Ni-Sn-P-based copper alloy sheet of the present invention is excellent in the properties required for a terminal or connector and further has excellent bendability.

IPC 8 full level

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Citation (applicant)

- JP 2844120 B2 19990106
- JP 3871064 B2 20070124
- JP H11293367 A 19991026 - KOBE STEEL LTD
- JP 2002294368 A 20021009 - KOBE STEEL LTD
- JP 2006213999 A 20060817 - KOBE STEEL LTD
- JP 2000328158 A 20001128 - KOBE STEEL LTD
- JP 2002339028 A 20021127 - KOBE STEEL LTD
- JP 2000328157 A 20001128 - KOBE STEEL LTD
- JP 2006063431 A 20060309 - DOWA MINING CO
- JP 2005029857 A 20050203 - NIKKO METAL MFG CO LTD
- JP 2005139501 A 20050602 - KOBE STEEL LTD

Cited by

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