

Title (en)

SILVER SOLDER OR BRAZING ALLOYS AND THEIR USE

Title (de)

SILBERHARTLÖT- ODER -WEICHÖTLEGIERUNGEN UND IHRE VERWENDUNG

Title (fr)

ALLIAGES DE BRASAGE TENDRE A L'ARGENT OU DE BRASAGE FORT, ET LEUR UTILISATION

Publication

**EP 1713613 A1 20061025 (EN)**

Application

**EP 04819277 A 20041118**

Priority

- GB 2004050027 W 20041118
- GB 0326927 A 20031119

Abstract (en)

[origin: GB2408269A] A silver solder of the Ag-Cu-Zn family comprises at least 55 % by weight silver and 0.5-3 % by weight germanium. The alloy preferably comprises (by weight): 55-77 % Ag, 10-30 % Cu, 8-15 % Zn and 0.5-3 % Ge. Optionally this alloy may also comprise 0.05-0.4 % Si and/or 1-3 % Sn and/or 1 ppm - 0.3 % B. The alloy, which may be in the form of rod, strip, wire or paste, may be used to solder Sterling silver joints.

IPC 8 full level

**B23K 35/30** (2006.01); **C22C 5/06** (2006.01)

CPC (source: EP GB US)

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**GB 0326927 A 20031119**; AU 2004292495 A 20041118; CA 2544861 A 20041118; CN 200480034227 A 20041118; EA 200600981 A 20041118; EP 04819277 A 20041118; GB 2004050027 W 20041118; US 57986704 A 20041118