

Title (en)

METHOD FOR MAKING SOLDERING FLUX AND RESULTING WELD JOINT

Title (de)

VERFAHREN ZUM HERSTELLEN EINER HARTLÖTPASTE UND ALSO HERGESTELLTE LÖTVERBINDUNG

Title (fr)

PROCEDE DE REALISATION DE PATE A BRASER ET JOINT DE SOUDURE OBTENU

Publication

EP 1042101 A1 20001011 (FR)

Application

EP 98963615 A 19981223

Priority

- FR 9802855 W 19981223
- FR 9716349 A 19971223

Abstract (en)

[origin: FR2772657A1] A brazing paste, comprising a brazing metal matrix (10) containing a homogeneous dispersion of superelastic alloy particles (5) coated with a wettable metal, is new. An Independent claim is also included for production of the above by incorporating the superelastic alloy particles (5) in the brazing metal matrix (10). Preferred Features: The paste contains 5-30 vol.% of 1-50 μ m diameter spherical superelastic alloy particles (5) which consist of Ni-Ti, Cu-Zn-Al or Cu-Al-Ni shape memory alloy and which are coated with Cu, Ni, Au, Sn, Ag or Pb.

IPC 1-7

B23K 35/14; **B23K 35/02**

IPC 8 full level

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CPC (source: EP US)

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