

Title (en)

COMPOSITE SOLDER POWDER COMPRISING CORE AND METALLIC SHELL, FOR SOLDERING TURBINE COMPONENTS

Title (de)

KOMPOSIT-LÖTPULVER AUS KERN UND METALLISCHER HÜLLE, ZUM LÖTEN VON TURBINENBAUTEILEN

Title (fr)

POUDRE DE BRASAGE COMPOSITE CONSTITUÉE D'UNE ÂME ET D'UNE ENVELOPPE MÉTALLIQUE, POUR LE BRASAGE D'ÉLÉMENTS DE TURBINE

Publication

EP 2086715 A1 20090812 (DE)

Application

EP 07821911 A 20071026

Priority

- EP 2007061551 W 20071026
- EP 06022872 A 20061102
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Abstract (en)

[origin: EP1918063A1] The powder particle (10, 18) for soldering turbine components, comprises a non-metallic core with a metallic shell, which is formed around the core through a diffusion layer. The diameter of the powder particles lie in nanometre range. The material of the shell has lower melting point than the core. The shell has amdry-powder. The grain size of the powder particle is = 500nm. Independent claims are included for: (1) a component; and (2) procedure for soldering a component.

IPC 8 full level

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Citation (search report)

See references of WO 2008052944A1

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