

Abstract

Metal paste and use thereof for joining components

5 A metal paste, comprising (A) 65 to 85 wt% of metal particles and (B) 10 to 35 wt% of organic solvent, wherein the metal particles (A) consist 70 to 100 wt% of organically coated copper flakes having a specific surface area in the range of 1.9 to 3.7 m²/g, a total oxygen content in the range of 2 to 4 wt% and a weight ratio of total carbon to total oxygen in the range of 0.25 to 0.9.

10 No figure