

ABSTRACT**USE OF ALIPHATIC HYDROCARBONS AND PARAFFINS
AS SOLVENTS IN SINTERED SILVER PASTES**

The invention provides a process for fastening an electronic component to a substrate, in which

- (i) an electronic component and a substrate are provided,
- (ii) a sandwich arrangement is created, which has the electronic component, the substrate and a layer arranged in between, which includes a paste which contains (a) metal particles having a coating comprising at least one compound selected from the group consisting of fatty acids, fatty acid salts and fatty acid esters, and (b) at least one aliphatic hydrocarbon compound, and
- (iii) the sandwich arrangement is sintered.