

Title (en)
COMPOSITION FOR SINTERING COMPRISING AN ORGANIC SILVER PRECURSOR AND PARTICLES OF AGGLOMERATED SILVER NANOPARTICLES

Title (de)
ZUSAMMENSETZUNG ZUM SINTERN MIT EINEM ORGANISCHEN SILBERVORLÄUFER UND PARTIKEL VON AGGLOMERIERTEN SILBER-NANOPARTIKELN

Title (fr)
COMPOSITION POUR FRITTAGE COMPRENANT UN PRÉCURSEUR D'ARGENT ORGANIQUE ET DES PARTICULES DE NANOPARTICULES D'ARGENT AGGLOMÉRÉES

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Application
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Priority
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Abstract (en)
The present invention relates to a composition that is suitable for joining two components by sintering. The composition comprises an organic silver precursor as defined herein and particles that have an average size of $\leq 20 \mu\text{m}$ and that comprise agglomerated silver nanoparticles. The ratio of the weight of the silver precursor to the weight of the particles is ≤ 0.25 .

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Citation (applicant)

- EP 2838690 B1 20190717 - NANO JOIN GMBH [DE]
- EP 2159270 A1 20100303 - BAYER MATERIALSCIENCE AG [DE]
- DE 102009040076 A1 20110310 - HERAEUS GMBH W C [DE]
- DE 102009040078 A1 20110310 - HERAEUS GMBH W C [DE]
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Citation (search report)

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- [A] US 2010021704 A1 20100128 - YOON SUNG-HO [KR], et al
- [A] US 2010055828 A1 20100304 - SCHMITT WOLFGANG [DE], et al
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