

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

Publication  
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Application  
**EP 22163294 A 20220321**

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  $\leq 0.25$ .

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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]
- DE 102007046901 A1 20090409 - HERAEUS GMBH W C [DE]

Citation (search report)

- [ID] EP 2838690 B1 20190717 - NANO JOIN GMBH [DE]
- [A] US 2010021704 A1 20100128 - YOON SUNG-HO [KR], et al
- [A] US 2010055828 A1 20100304 - SCHMITT WOLFGANG [DE], et al
- [A] US 2006043346 A1 20060302 - KODAS TOIVO T [US], et al

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