

Title (en)

METAL PASTES AND USE THEREOF IN THE PRODUCTION OF SILICON SOLAR CELLS

Title (de)

METAL PASTES AND USE THEREOF IN THE PRODUCTION OF SILICON SOLAR CELLS

Title (fr)

PÂTES MÉTALLIQUES ET LEUR UTILISATION DANS LE CADRE DE LA PRODUCTION DE PILES PHOTOVOLTAÏQUES À BASE DE SILICIUM

Publication

EP 2417608 A1 20120215 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2010117773A1] Metal pastes comprising (a) at least one electrically conductive metal powder selected from the group consisting of silver, copper and nickel, (b) at least one lead-containing glass frit with a softening point temperature in the range of 571 to 636 °C and containing 53 to 57 wt.-% of PbO, 25 to 29 wt.-% of SiO₂, 2 to 6 wt.-% of Al₂O₃ and 6 to 9 wt.-% of B₂O₃ and (c) an organic vehicle.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2010117773A1

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