

## Method of silvering surfaces, especially aluminium surfaces

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### Patent information

Technology  
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**Title:** "Method of silvering surfaces, especially aluminium surfaces"

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**Jurisdictions:** France, Great Britain, Germany, Poland.

The invention relates to a method of silvering surfaces sensitive to high temperatures, as for example aluminium surfaces, foils, paper or fabric. Presented method provides silvering aluminium surfaces, wherein the sintering stage is performed at temperatures significantly below the aluminium melting temperature, preferably within the range of about 200°C - 400°C, so that the aluminium surface being silvered remains undamaged after the sintering stage.

This method includes a stage of applying onto surface a paste consisting of 80-85% by weight of nano - particles of silver and 15-20% by weight of organic carrier based on methyl polymethacrylate. Because the paste used does not contain glaze - after sintering paths or layers that are obtained, it can operate at high temperatures and that provide good heat dissipation. Presented method is capable of silvering the surfaces in a simple, rapid, an economical and an environmental friendly manner with high sensitivity and selectivity.

