

ABSTRACT

The invention is directed to a process for metallizing non-conducting surfaces, characterized by the following steps

- a) etch-cleaning, where appropriate,
- b) conditioning with a chelating agent and/or a cationic surface-active substance,
- c) etch-cleaning, where appropriate,
- d) treatment with a pre-immersion solution, where appropriate,
- e) treatment with a colloidal acidic solution of a precious metal, which solution is stabilized with an organic polymer,
- f) treatment with a solution containing one or more sulfur compounds, where appropriate,
- g) electrodeposition of metal layer.

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