

Title (en)

METHOD FOR LASER COATING OF COPPER AND COPPER ALLOYS

Title (de)

VERFAHREN ZUM LASERBESCHICHTEN VON KUPFER UND KUPFERLEGIERUNGEN

Title (fr)

PROCEDE DE REVETEMENT DE CUIVRE OU D'ALLIAGE DE CUIVRE

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Abstract (en)

[origin: WO02072916A1] The invention relates to a method for coating a surface of a workpiece made from copper or copper alloy by means of a laser coater apparatus. In the method, a laser beam (2) is directed to the surface being coated, the laser beam (2) is moved relative to the surface being coated and/or the surface being coated is moved relative to the laser beam (2), and a coating material is fed to the surface being coated, into the working area of the laser beam (2). In the method according to the invention, the surface to be coated is made matte and the laser beam (2) is directed at an oblique angle to the envelope surface of the workpiece to be coated.

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