Title (en)

Method of producing a structured surface on a copper or copper-alloy semi-manufactured product

Title (de)

Verfahren zur Herstellung einer strukturierten Oberfläche auf einem aus Kupfer oder einer Kupferlegierung bestehendem Halbzeug

Title (fr)

Procédé d'obtention d'une surface structurée sur des produits semi-manufacturés de cuivre ou alliage à base de cuivre

Publication

EP 0519310 B1 19961211 (DE)

Application

EP 92109779 A 19920610

Priority

DE 4120387 A 19910620

Abstract (en)

[origin: EP0519310A1] For a wide variety of applications, in particular in the building sector, there is a demand for decorative surfaces which have a colouring which can be individually adjusted and is independent of weathering or treatment with chemical solutions. The method of producing a structured surface according to the invention, preferably on rolled copper strips, provides first of all a mechanical treatment, by which the surface is selectively roughened. In a further method step, the roughened surface then receives a coating, applied by thermal spraying with metal-powder particles. Powder particles of aluminium, copper, nickel and tin as well as powder particles of alloys of these materials, for example of a copper-tin alloy, are suitable as the spray-powder material.

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IPC 8 full level

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CPC (source: EP)

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