

Title (en)
METHOD FOR PRODUCING SINTERED COPPER ARTICLE FOR CRAFT OR DECORATIVE USE AND COPPER-CONTAINING PLASTIC COMPOSITION

Title (de)
VERFAHREN ZUR HERSTELLUNG GESINTERTER KUPFERARTIKEL ZUR HANDWERKLICHEN ODER DEKORATIVEN VERWENDUNG SOWIE KUPFERHALTIGE KUNSTSTOFFZUSAMMENSETZUNG

Title (fr)
PROCÉDÉ DE PRODUCTION D UN ARTICLE DE CUIVRE FRITTÉ DESTINÉ À UN USAGE ARTISTIQUE OU DÉCORATIF, ET COMPOSITION DE PLASTIQUE CONTENANT DU CUIVRE

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Application
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Priority

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Abstract (en)
A method for producing a sintered copper article for craft or decorative use made of copper or a copper alloy which can be sintered in the air by using a general heating furnace, and a plastic copper containing clay compound are provided. The method for producing the sintered copper article for craft or decorative use of the present invention comprises the steps of forming a shaped copper object using the copper containing clay compound which includes at least one kind of a powder selected from a copper powder or a copper alloy powder that contains copper in 50 wt% or more together with an organic binder, and subsequently sintering the shaped copper object, thereby to obtain a shaped copper sinter. Herein, the mean particle diameter of the powder included in the copper containing clay compound is restricted to 10 µm or less, whereby the shaped copper sinter is obtained by sintering the shaped copper object in the air.

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