

№2056973

FIELD: powder metallurgy. SUBSTANCE: method of making builtup articles by separate production of parts of the article, by their assembling and diffusion agglomeration through a layer of finely divided powder material, being applied onto surfaces of parts to be assembled before the assembling operation by slip technology, comprises steps of filling a place of part joining upon sintering process by a copper based alloy, being redistributed from volumes of the parts, where it is present in excess, to the joining zone by capillary efforts. The method allows to provide a uniform distribution of porosity over the whole volume of powdered articles, therefore creating favorable conditions for impregnating the articles by inhibitors. EFFECT: enhanced quality of articles. 1 cl.

