Title (en)

PRE-PRODUCT FOR THE PRODUCTION OF SINTERED METALLIC COMPONENTS, A METHOD FOR PRODUCING THE PRE-PRODUCT AND THE PRODUCTION OF COMPONENTS

Title (de)

VORPRODUKT FÜR DIE HERSTELLUNG GESINTERTER METALLISCHER BAUTEILE, EIN VERFAHREN ZUR HERSTELLUNG DES VORPRODUKTS SOWIE DIE HERSTELLUNG DER BAUTEILE

Title (fr)

PRÉCURSEUR POUR LA PRODUCTION DE PIÈCES MÉTALLIQUES FRITTÉES, PROCÉDÉ DE PRODUCTION DU PRÉCURSEUR, ET PRODUCTION DESDITES PIÈCES

Publication

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Application

EP 09763903 A 20091113

Priority

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Abstract (en)

[origin: CA2746010A1] The invention relates to a pre-product for the production of sintered metallic components, to a method for producing the pre-product and to the production of components. The aim of the invention is to create capabilities for producing sintered metallic components that enable increased physical density and reduced contraction on the finish-sintered component. In a pre-product for the production of sintered metallic components according to the invention, an enveloping layer is formed on a core that is formed from a first particle of a first metallic powder. The enveloping layer is formed by a second powder and a binder. The first powder has a particle size d90 of at least 50 µm and the second powder has a particle size d90 smaller than 25 µm. The pre-product is in powder form.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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