

Title (en)  
METHOD FOR PRODUCING HEAT- AND WEAR-RESISTANT MOLDED PARTS, IN PARTICULAR ENGINE COMPONENTS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON WARMBESTÄNDIGEN UND VERSCHLEISSFESTEN FORMTEILEN, INSBESONDERE MOTORKOMPONENTEN

Title (fr)  
PROCÉDÉ DE FABRICATION DE PIÈCES FAÇONNÉES RÉSISTANTES À LA CHALEUR ET À L'USURE, EN PARTICULIER DE COMPOSANTS DE MOTEURS

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Abstract (en)  
[origin: WO2014198576A1] The invention relates to a method for producing heat- and wear-resistant molded parts, in particular engine components, using Fe- or Co-based sintering materials. According to the invention, a water-atomized Fe- or Co-based sintering material is produced which has a grain size of > 10 µm, preferably > 30 µm and particularly preferably > 50 µm, and the material is treated according to the method steps of agglomerating, spray drying, compressing, sintering, and finally reworking the sintering material.

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Opponent : Bleistahl-Produktions GmbH & Co KG.,  
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