

Title (en)

METHOD FOR PRODUCING CEMENTED CARBIDE OR CERMET PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HARTCARBID- ODER CERMETPRODUKTEN

Title (fr)

PROCÉDÉ DE FABRICATION DE PRODUITS EN CARBURE CÉMENTÉ OU EN CERMET

Publication

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Application

EP 09827829 A 20091118

Priority

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Abstract (en)

[origin: WO2010059116A1] The present invention relates to a method for the production of tungsten carbide based cemented carbide or cermet tools or components using the powder injection moulding or extrusion method comprising mixing of granulated cemented carbide or cermet powder with an organic binder system whereby the mixing is made by adding all the constituents into a mixer heated to a temperature above the melting temperature of the organic binders. According to the invention the organic binders are added into the mixer, waiting for a melt to form and then slowly adding the cemented carbide or cermet powder into the melt, making sure the temperature does not fall below the melting temperatures of the organic binders.

IPC 8 full level

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C-Set (source: EP US)

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See references of WO 2010059116A1

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