

Title (en)

METHOD OF MAKING CEMENTED CARBIDE BY POWDER INJECTION MOLDING

Title (de)

VERFAHREN ZUM HERSTELLEN VON ZEMENTIERTEM CARBID DURCH SPRITZGIESSEN VON PULVER

Title (fr)

PROCEDE DE FABRICATION DE CARBURE FRITTE PAR MOULAGE PAR INJECTION DE POUDRES

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Application

EP 97910662 A 19971014

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- SE 9603936 A 19961025

Abstract (en)

[origin: WO9818973A1] The present invention relates to a method of making a sintered body comprising one or more hard constituents in a binder phase by injection molding technique comprising wet milling of a powder mixture containing powders forming the hard constituents and binder phase, drying said milled powder mixture, mixing said powder mixture with organic binder, waxes and surfactant into a feedstock, molding the feedstock into bodies of desired shape in a conventional plastic molding machine, removing the binder from said bodies and sintering. If the surfactant is introduced already during the milling operation the level of porosity in bodies is significantly reduced.

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IPC 8 full level

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Cited by

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