

Title (en)

METHOD FOR PRODUCTION OF A HONEYCOMB SEAL

Title (de)

VERFAHREN ZUM HERSTELLEN EINER WABENDICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE GARNITURE D'ÉTANCHÉITÉ EN NID D'ABEILLES

Publication

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Application

**EP 07722126 A 20070329**

Priority

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Abstract (en)

[origin: WO2007112727A2] The invention relates to a method for production of a honeycomb seal by powder metallurgical injection moulding. A metal powder and/or a ceramic powder is first mixed with a binder to give a homogeneous mass for the powder metallurgical injection moulding, a moulded body with honeycomb cells is subsequently produced from the homogeneous mass by injection moulding for the honeycomb seal, the moulded body is then subjected to a release process and finally compressed by sintering the moulded body to give the honeycomb seal with the desired geometrical properties. According to the invention, at least some of the cells of the moulded body are at least partly filled with at least one hollow body before sintering, wherein the moulded body is subsequently sintered together with the hollow bodies introduced into the cells.

IPC 8 full level

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