

Title (en)

METHOD FOR THE PRESSURE-FREE SINTERING OF METAL ALLOYS AND USE THEREOF IN THE PRODUCTION OF HOLLOW SPHERES

Title (de)

VERFAHREN ZUM DRUCKLOSEN SINTERN VON METALLLEGIERUNGEN UND VERWENDUNG DAVON BEI DER HERSTELLUNG VON HOHLKUGELN

Title (fr)

PROCEDE DE FRITTAGE SANS PRESSION D'ALLIAGES METALLIQUES ; APPLICATION A LA FABRICATION DE SPHERES CREUSES

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Application

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Abstract (en)

[origin: WO2007006946A1] The invention relates to a method for the pressure-free sintering of metal alloys and to the use thereof in the production of hollow spheres. According to the invention, hollow metal spheres are heated under a high vacuum in the presence of an organic material to a temperature close to the melting temperature of a eutectic between carbon from the organic material and the metal components of said spheres.

IPC 8 full level

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