

Title (en)
METHOD FOR PRODUCING COMPONENTS BY MEANS OF POWDER INJECTION MOULDING, BASED ON THE USE OF ORGANIC YARNS OR FIBRES, ADVANTAGEOUSLY TOGETHER WITH THE USE OF SUPERCRITICAL CO₂

Title (de)
VERFAHREN ZUR HERSTELLUNG VON BAUTEILEN DURCH PULVERSPRITZGIESSEN MITTELS VERWENDUNG VON ORGANISCHEN FÄDEN ODER FASERN, VORTEILHAFTERWEISE ZUSAMMEN MIT DER VERWENDUNG ÜBERKRITISCHEM CO₂

Title (fr)
PROCEDE DE FABRICATION DE COMPOSANTS PAR PIM, BASE SUR L'UTILISATION DE FIBRES OU FILS ORGANIQUES, AVANTAGEUSEMENT COUPLEE A L'UTILISATION DE CO₂ SUPERCRITIQUE

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Abstract (en)
[origin: WO2012140342A1] The invention relates to a feedstock for PIM, comprising: at least one inorganic powder, advantageously metal or ceramic or made from cermet; a polymer binder; and organic yarns or fibres, advantageously polymer, said yarns or fibres being formed by a material different from that of the polymer binder. The invention also relates to the method for producing such a feedstock, as well as the method for producing parts by means of powder injection moulding (PIM) using said feedstock.

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