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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Application

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Priority

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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 inveniton 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.

IPC 8 full level

C08K 7/22 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012140342A1

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