

Title (en)

METHOD FOR PRODUCING MOLDED PARTS FROM PARTICLE FOAMS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FORMTEILEN AUS PARTIKELSCHÄUMEN

Title (fr)

PROCÉDÉ POUR PRODUIRE DES PIÈCES MOULÉES À PARTIR DE MOUSSES DE PARTICULES

Publication

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Application

**EP 20757953 A 20200717**

Priority

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Abstract (en)

[origin: CA3147880A1] The invention relates to a method for producing molded parts from particle foams, comprising: providing particle-foam particles; wetting the particle-foam particles with an aqueous emulsion of at least one polyolefin and thereby obtaining functionalizable particle-foam particles; drying the wetted and functionalizable particle-foam particles; molding the functionalizable particle-foam particles; heating the molded, functionalizable particle-foam particles to a temperature below the melting range of the particle-foam particles and thereby functionalizing the molded, functionalizable particle-foam particles, the particle-foam particles being bonded to each other; and cooling and thereby obtaining the particle-foam molded part, the aqueous emulsion of the at least one polyolefin being an aqueous emulsion that comprises at least one polyolefin transferred into the liquid state by means of an anhydride of an unsaturated carboxylic acid and modified by means of methacrylic acid ester copolymers.

IPC 8 full level

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