

Title (en)

DEVICE AND METHOD FOR PRODUCING A PARTICLE FOAM PART

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES PARTIKELSCHAUMSTOFFTEILS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE PIÈCE EN MOUSSE PARTICULAIRE

Publication

EP 3405323 A1 20181128 (DE)

Application

EP 17701443 A 20170118

Priority

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Abstract (en)

[origin: WO2017125410A1] The invention relates to a method for producing a particle foam part wherein foam particles are heated in a mould (3) such that they weld together to form the particle foam part. Heat is guided by means of electromagnetic RF radiation to the foam particles. The foam particles are made from polyurethane (PU), polylactate (PLA), polyethylene block amide (PEBA) or from polyethylene terephthalate (PET).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2017125412A1

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BA ME

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DE 202016104341 U1 20170419; CN 108472843 A 20180831; CN 108472843 B 20210622; CN 108602218 A 20180928; DE 102016100690 A1 20170720; EP 3405322 A1 20181128; EP 3405322 B1 20220316; EP 3405323 A1 20181128; KR 20180102636 A 20180917; KR 20180104665 A 20180921; US 11358310 B2 20220614; US 11584051 B2 20230221; US 2021206036 A1 20210708; US 2021206037 A1 20210708; WO 2017125410 A1 20170727; WO 2017125412 A1 20170727

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