

Title (en)

CONTINUOUS COMPOSITE METAL FOAM PRODUCTION AND METHOD AND DEVICE FOR STIRRING PARTICLE REINFORCED COMPOSITE METAL

Title (de)

KONTINUIERLICHE HERSTELLUNG VON VERBUNDMETALLSCHAUM UND VERFAHREN UND VORRICHTUNG ZUM RÜHREN EINES PARTIKELVERSTÄRKTEN VERBUNDMETALLS

Title (fr)

PRODUCTION D'UNE MOUSSE MÉTALLIQUE COMPOSITE CONTINUE ET PROCÉDÉ ET DISPOSITIF PERMETTANT D'AGITER UN MÉTAL COMPOSITE RENFORCÉ PAR DES PARTICULES

Publication

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Application

EP 14835731 A 20141210

Priority

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Abstract (en)

[origin: WO2015094139A2] This invention is related to a method which increases material quality and a device which carries out said method in order to produce, closed cell and composite metal foam in continuous form, in one go without pre processing, to increase material quality and resistance, to distribute reinforcement and/or foaming material homogenously into the material, to be able to produce foam material at desired densities, and to provide a homogenous inner structure, to be able to mix homogenously at the rate desired the reinforcement material and the matrix material during particle reinforced composite metal production, to distribute the ceramic particles used as reinforcement material homogenously within the material, to have better wetting ability by the matrix material.

IPC 8 full level

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