

Title (en)

A system for producing heat insulation structures for insulating heat generating components

Title (de)

System zur Herstellung von Wärmedämmstrukturen zur Isolierung von Wärmeerzeugungskomponenten

Title (fr)

Système de production de structures d'isolation de la chaleur pour l'isolation des composants de générant de la chaleur

Publication

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Application

EP 14001348 A 20140414

Priority

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Abstract (en)

This invention relates a system (100) and a method for producing heat insulation component (505, 600, 700) for insulating heat generating components such as catalytic converter. A moving mechanism moves a forming mould (101,301) having a permeable moulding surface (302) into pulp containing ceramic fibers. A vacuum source (104, 307) is connected to the forming mould for supplying vacuum to the forming mould so as to draw pulp through the permeable surface side leaving at least one outwardly facing ceramic fiber structure (505) on the outer surface side of the forming mould. A heat mechanism (103) is connected to a pressure mechanism (105) for supplying a pressure and simultaneously heat onto the at least one outwardly facing ceramic fiber structure so as to smoothen and simultaneously drying the at least one outwardly facing fiber structure side.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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CN107009500A

Designated contracting state (EPC)

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