

Title (en)

THERMOFORMABLE MELAMINE RESIN FOAM WITH PARTICULATE FILLER MATERIAL

Title (de)

THERMOVERFORMBARER MELAMINHARZSCHAUMSTOFF MIT PARTIKELFÖRMIGEM FÜLLMATERIAL

Title (fr)

MOUSSE EN RÉSINE EN MÉLAMINE DÉFORMABLE À CHAUD AVEC MATÉRIAU DE REMPLISSAGE À PARTICULES

Publication

EP 2922901 A1 20150930 (DE)

Application

EP 13802271 A 20131125

Priority

- EP 12194173 A 20121126
- EP 2013074547 W 20131125
- EP 13802271 A 20131125

Abstract (en)

[origin: EP2735584A1] Thermoformable melamine/formaldehyde foam comprises 0.1-50 wt.% of at least one particulate filler material having a melting point of at most 220[deg] C, where a weight percentage of used melamine-formaldehyde precondensate and a filling material is based on the total weight of the foam produced. An independent claim is included for producing the thermoformable melamine/formaldehyde, comprising foaming and drying the melamine-formaldehyde precondensate in a solvent with an acid, a dispersant, a blowing agent and the particulate filler material at temperatures above the boiling point of the blowing agent and then annealing at a temperature of above 200[deg] C.

IPC 8 full level

C08J 9/00 (2006.01); **C08J 9/14** (2006.01); **C08L 61/28** (2006.01)

CPC (source: EP US)

C08J 9/0023 (2013.01 - US); **C08J 9/0033** (2013.01 - US); **C08J 9/0061** (2013.01 - EP US); **C08J 9/141** (2013.01 - US); **C08L 61/28** (2013.01 - EP US); **C08J 2203/14** (2013.01 - EP US); **C08J 2205/05** (2013.01 - EP US); **C08J 2361/28** (2013.01 - EP US); **C08J 2379/04** (2013.01 - EP US); **C08J 2423/06** (2013.01 - EP US); **C08J 2423/12** (2013.01 - EP US); **C08J 2463/00** (2013.01 - EP US); **C08J 2467/00** (2013.01 - EP US); **C08J 2469/00** (2013.01 - EP US); **C08J 2475/00** (2013.01 - EP US); **C08J 2477/00** (2013.01 - EP US); **C08L 2203/14** (2013.01 - EP US); **C08L 2203/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2014080003A1

Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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EP 2735584 A1 20140528; CN 104812815 A 20150729; EP 2922901 A1 20150930; JP 2015535541 A 20151214; KR 20150091124 A 20150807; US 2015299413 A1 20151022; WO 2014080003 A1 20140530

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