Title (en)

Face-to-face fabric with variable trickness, process of manufacturing and applications

Title (de)

Abstandstextilmaterial variabler Dicke, Herstellungsverfahren und Verwendungen dazu

Title (fr)

Tissu "face-à-face" à épaisseur variable, procédé de fabrication et applications

Publication

EP 0617152 B1 19990825 (DE)

Application

EP 94101887 A 19940208

Priority

CH 54093 A 19930222

Abstract (en)

[origin: EP0617152A1] A material for replacing foamed materials is the face-to-face (spacer) textile material which consists of two woven or knitted top layers which are connected by a pile thread structure. This pile thread structure is responsible for the compressibility known from flexible foams and the large air content. The compliance can be determined through the length and density of the pile threads and the material used. If recyclable materials are used, they provide a way of obtaining an environmentally compatible foam replacement. In addition, the face-to-face textile material can, through the use of treated starting materials or through a treatment during or after making, be given chemical and physical properties and thus be used for example as a filter or catalyst material.

IPC 1-7

D03D 27/10; D04B 1/02

IPC 8 full level

B68G 1/00 (2006.01); **B60R 13/08** (2006.01); **D03D 3/00** (2006.01); **D03D 11/00** (2006.01); **D03D 15/40** (2021.01); **D03D 25/00** (2006.01); **D03D 27/10** (2006.01); **D04B 1/00** (2006.01); **D04B 1/14** (2006.01); **D04B 21/02** (2006.01); **D05C 17/00** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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EP 94101887 A 19940208; AT 94101887 T 19940208; CZ 35794 A 19940218; CZ 630297 U 19940218; DE 59408647 T 19940208; JP 4657294 A 19940222; SK 21194 A 19940222; US 20018594 A 19940222