

Title (en)

METHOD OF PRODUCING LINING MATERIAL OR FILLING MATERIAL FOR WADDLED ARTICLES.

Title (de)

VERFAHREN ZUM HERSTELLEN VON MATERIAL ZUM AUSSTOPFEN ODER ZUM FÜLLEN VON WATTIERTEN ARTIKELN.

Title (fr)

PROCEDE DE FABRICATION DE MATERIAUX DE GARNISSAGE OU DE REMPLISSAGE POUR ARTICLES OUATINES.

Publication

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Application

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Abstract (en)

[origin: US4259400A] PCT No. PCT/FR78/00001 Sec. 371 Date Feb. 8, 1979 Sec. 102(e) Date Feb. 8, 1979 PCT Filed June 2, 1978 PCT Pub. No. WO 78/00012 PCT Pub. Date Dec. 21, 1978 A fibrous padding material simulating natural down for quilted articles. The material is in the form of an element of defined length and of low thickness relative to its width, which element comprises a central filiform core which is relatively dense and rigid compared with the whole of the material and to which are bonded fibers which are oriented substantially transversely relative to this core, the said fibers being entangled with one another so as to form a homogeneous thin web and being located on either side of the core, substantially in the same plane (FIG. 3). Process for the manufacture of the material, in which a fibrous web is formed in a known manner, a plurality of spaced-out heat-weldable thread is superposed onto at least one of the faces of the said web, the spaced-out threads are caused to bond to the fibrous web, the web is divided into strips on either side of each thread and, finally, said strips, thus formed, are cut into elements of defined length (FIG. 1). The division of the web into strips is preferably performed by passing the threads through eyelets after the threads have been combined with the fibrous web. The web can also be divided by cutting (FIG. 1).

Abstract (fr)

Materiau fibreux de garnissage imitant le duvet naturel pour articles ouatines. Le materiau se presente sous la forme d'un element de longueur definie, de faible epaisseur par rapport a sa largeur, comportant une ame centrale filiforme (1) relativement dense et rigide par rapport a l'ensemble du materiau, ame a laquelle sont liees des fibres (2) orientes sensiblement transversalement par rapport a celle-ci, lesdites fibres etant enchevetrees les unes aux autres de maniere a former un voile homogene et etant disposees de part et d'autre de l'ame sensiblement dans un meme plan. Procede pour la fabrication du materiau dans lequel on forme une nappe fibreuse (4) de maniere connue, on superpose une pluralite de fils espaces thermocollants (6) sur au moins une des faces de ladite nappe, on provoque la liaison des fils espaces avec la nappe fibreuse, on divise la nappe en bandes (10) de part et d'autre de chaque fil et enfin on decoupe lesdites bandes ainsi formees en elements de longueur determinee (12). La division de la nappe en bandes s'effectue de preference par passage des fils dans des oeillets apres leur association a la nappe fibreuse. On peut aussi proceder a la division par decoupe.

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