

Title (en)

BREATHABLE NON-WETTABLE MELT-BLOWN NON-WOVEN MATERIALS AND PRODUCTS EMPLOYING THE SAME

Title (de)

ATMUNGSAKTIVE NICHT BENETZBARE MELT-BLOWN-VLIESMATERIALIEN UND PRODUKTE MIT DIESEN MATERIALIEN

Title (fr)

NONTISSES DE FUSION-SOUFFLAGE HYDROFUGES ET PERMEABLES A L'AIR ET ARTICLES UTILISANT DE TELS MATERIAUX

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03057961A2] Breathable non-wettable non-woven materials include a mass of melt-blown, non-woven fibers formed of a terpolymer of tetrafluoroethylene, hexafluoropropylene and vinylidene fluoride monomers. Most preferably, the materials of the present invention are in the form of fabric structures which can be processed to form a variety of products for numerous end use applications, such as for garments, bandages, barrier vents, filter media and the like. In especially preferred form, the melt-blown non-woven fibers are comprised of a THV terpolymer formed of between about 30 to about 70 wt.% of tetrafluoroethylene monomer, between about 10 to about 20 wt.% of hexafluoropropylene monomer, and between about 20 to about 65 wt.% vinylidene fluoride monomer.

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Citation (search report)

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