

Title (en)
Cleaning sheet

Title (de)
Reinigungstuch

Title (fr)
Serviette de nettoyage

Publication
EP 1118305 A2 20010725 (DE)

Application
EP 00127877 A 20001220

Priority
DE 10002778 A 20000122

Abstract (en)
Cleaning cloth is nonwoven material of micro-filaments, with specified fabric weight. The melt-spun multi-component continuous filaments have specified thickness and are laid directly into nonwoven fabric structure. After hardening the filaments can be split into micro-filaments and stabilized. The filaments are composed of incompatible polymers, side-by-side, and can contain various additives. The cleaning cloth is a nonwoven material of micro-filaments, with a fabric weight of 30-500 g/m². The melt-spun multi-component continuous filaments are laid directly into a nonwoven fabric structure. The filaments have a thickness of 1.5-5.0 dtex. After hardening, the filaments can be split into micro-filaments with a thickness of 0.5-1.0 dtex, and stabilized. The filaments are composed of incompatible polymers, side-by-side, and can contain additives such as color pigments, antistatic agents, fungicides, bactericides, acaricides and/or agents to give a hydrophobic/hydrophilic character.

Abstract (de)
Die Erfindung betrifft Reinigungstuch bestehend aus einem Mikrofilament-Vliesstoff mit einem Flächengewicht von 30 bis 500 g/m², bei dem der Vliesstoff aus schmelzgesponnenen, verstreckten und unmittelbar zu einem Vlies abgelegten Mehrkomponenten-Endlosfilamenten mit einem Titer 1,5 bis 5 dtex besteht und die Mehrkomponenten-Endlosfilamente gegebenenfalls nach einer Vorverfestigung zumindest zu 80 % zu Mikro-Endlosfilamenten mit einem Titer 0,05 bis 1,0 dtex gesplittet und verfestigt sind.

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