

Title (en)
Method for reducing pilling

Title (de)
Verfahren zur Reduzierung des Pillings

Title (fr)
Procédé pour réduire le boulochage

Publication
EP 1336682 A2 20030820 (DE)

Application
EP 03003393 A 20030214

Priority
DE 10206840 A 20020218

Abstract (en)
Surprisingly it has been found that pillings on nonwoven fabrics can be decreased by physical treatment combined with heat, e.g. singeing without impairing the good properties of the nonwoven, where the nonwoven comprises optionally split microfibers and/or microfilaments of synthetic polymer containing at least one polyester-, polyamid- and polyurethane component. Surprisingly it has been found that pillings on nonwoven fabrics can be decreased by physical treatment combined with heat, e.g. singeing, for example at 60-80 meter/minute, without impairing the good properties of the nonwoven, e.g. moisture permeation properties, where the nonwoven comprises optionally split microfibers and/or microfilaments of synthetic polymer containing at least one polyester-, polyamid- and polyurethane component.

Abstract (de)
Die vorliegende Erfindung betrifft ein Verfahren zur Vermeidung oder zumindest Reduzierung des Pillings von Vliesstoffen aus ungesplitteten und/oder zumindest teilweise gesplitteten Mikrofasern und/oder Mikrofilamenten synthetischer Polymere enthaltend wenigstens eine Polyesterkomponente und wenigstens eine Polyamidkomponente und gegebenenfalls wenigstens eine Polyurethankomponente, gemäß dem der Vliesstoff zumindest einer physikalischen Behandlung unterzogen wird.

IPC 1-7
D06M 10/00; **D06M 15/263**; **D06M 15/31**

IPC 8 full level
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CPC (source: EP US)
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