

Title (en)

Production of suede-finish woven and non-woven fabric with high-elasticity microfiber

Title (de)

Verfahren zur Herstellung eines wildlederähnlichen Vlies- oder Gewebestoffes mit elastischer Mikrofaser

Title (fr)

Procédé de fabrication d'un tissu tissé ou non tissé imitation daim avec de la microfibre élastique

Publication

**EP 1302587 A3 20041006 (EN)**

Application

**EP 02021713 A 20020925**

Priority

IT MI20012108 A 20011012

Abstract (en)

[origin: EP1302587A2] Process for the preparation of microfibrinous non-woven fabric with good mechanical and dyeing properties comprising the following stages: a) preparation of a microfiber constituted in general from polyesters used singularly or in mixtures between them or with nylons 6, nylons 6.6 or other materials normally used in the textile field; b) preparation, by means of needle-punching, of a felt comprising the microfiber indicated above; c) impregnation of the felt with polymer binder; d) mechanical treatment in order to generate the suede effect; e) dyeing of the non-woven fabric, in which a polyester constituted partially or totally from repeating monomer units of trimethylene terephthalate (PTT) of formula: <CHEM> (where n it is a number between 30 and 300) is employed as the polymer for the preparation of the microfibers that constitute the non-woven fabric <IMAGE>

IPC 1-7

**D06N 3/00**; **D01F 8/14**; **D04H 1/42**; **D04H 1/46**

IPC 8 full level

**D01F 8/14** (2006.01); **D04H 1/42** (2012.01); **D04H 1/4382** (2012.01); **D04H 1/46** (2012.01); **D04H 1/482** (2012.01); **D04H 1/492** (2012.01); **D04H 1/50** (2012.01); **D04H 1/54** (2012.01); **D04H 1/645** (2012.01); **D04H 1/74** (2006.01); **D04H 3/16** (2006.01); **D06N 3/00** (2006.01)

CPC (source: EP US)

**D01F 8/14** (2013.01 - EP); **D04H 1/4334** (2013.01 - EP); **D04H 1/435** (2013.01 - EP); **D04H 1/4383** (2020.05 - EP US); **D04H 1/43838** (2020.05 - EP US); **D04H 1/43914** (2020.05 - EP US); **D04H 1/43918** (2020.05 - EP US); **D04H 1/46** (2013.01 - EP); **D04H 1/482** (2013.01 - EP); **D04H 1/492** (2013.01 - EP); **D04H 1/50** (2013.01 - EP); **D04H 1/54** (2013.01 - EP); **D04H 1/645** (2013.01 - EP); **D04H 1/74** (2013.01 - EP); **D04H 3/16** (2013.01 - EP); **D06N 3/0004** (2013.01 - EP)

Citation (search report)

- [A] US 3899292 A 19750812 - OKAZAKI KAORU, et al
- [X] DATABASE WPI Section Ch Week 200062, Derwent World Patents Index; Class A23, AN 2000-642516, XP002291668
- [X] DATABASE WPI Section Ch Week 199909, Derwent World Patents Index; Class A23, AN 1999-101621, XP002291669
- [X] DATABASE WPI Section Ch Week 199925, Derwent World Patents Index; Class A23, AN 1999-296789, XP002291670
- [X] DATABASE WPI Section Ch Week 199928, Derwent World Patents Index; Class A84, AN 1999-330038, XP002291671
- [X] DATABASE WPI Section Ch Week 199943, Derwent World Patents Index; Class A23, AN 1999-512634, XP002291683
- [X] DATABASE WPI Section Ch Week 199953, Derwent World Patents Index; Class A23, AN 1999-615973, XP002291672

Cited by

CN103890262A; CN101906678A; EP1722029A4; CN103031680A; ITFI20080157A1; EP2623655A4; EP2439331A4; WO2017183997A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1302587 A2 20030416**; **EP 1302587 A3 20041006**; IT MI20012108 A1 20030412

DOCDB simple family (application)

**EP 02021713 A 20020925**; IT MI20012108 A 20011012