

Title (en)

Process for producing a woven or knitted fabric having a high elasticity.

Title (de)

Verfahren zum Herstellen von gewebten oder gestrickten Textilmaterialien mit hohem Elastizitätsmodulus.

Title (fr)

Procédé pour produire des matériaux textiles tissés ou tricotés ayant un haut degré d'élasticité.

Publication

EP 0431499 A2 19910612 (EN)

Application

EP 90123031 A 19901201

Priority

JP 31460389 A 19891204

Abstract (en)

A woven or knitted fabric having a high elasticity, a high resiliency, a good draping property, and a good stretching property is produced by forming a woven or knitted fabric from (A) melt-spun elastic yarns comprising a polyether-polyester block copolymer composed of block-copolymerized polybutylene terephthalate-based polyester hard segments and block-copolymerized polyoxybutylene glycol-based polyether soft segments and (B) a polyethylene terephthalate-based polyester filament yarn; heat treating the resultant woven or knitted fabric, preferably at a temperature of from 20 DEG C above the glass transition point of the hard segments to 160 DEG C; and then treating the heat-treated woven or knitted fabric with an alkali aqueous solution. <IMAGE>

IPC 1-7

D06M 11/38

IPC 8 full level

D01F 6/86 (2006.01); **D03D 15/56** (2021.01); **D06M 11/00** (2006.01); **D06M 11/38** (2006.01); **D06M 101/00** (2006.01); **D06M 101/16** (2006.01); **D06M 101/30** (2006.01); **D06M 101/32** (2006.01)

CPC (source: EP KR)

D06M 10/00 (2013.01 - KR); **D06M 11/38** (2013.01 - EP)

Cited by

DE4017295C2; US6599625B2; US6562457B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0431499 A2 19910612; **EP 0431499 A3 19910814**; **EP 0431499 B1 19940810**; **EP 0431499 B2 19970212**; DE 69011485 D1 19940915; DE 69011485 T2 19950330; DE 69011485 T3 19970821; JP 2569182 B2 19970108; JP H03180572 A 19910806; KR 910012439 A 19910807; KR 970001080 B1 19970125

DOCDB simple family (application)

EP 90123031 A 19901201; DE 69011485 T 19901201; JP 31460389 A 19891204; KR 900019847 A 19901204