

Title (en)

Elastic tubular knitted fabric and process for obtaining the same

Title (de)

Elastische schlauchförmige Strickware und Verfahren zu deren Erhaltung

Title (fr)

Tricot élastique tubulaire et procédé de son obtention

Publication

EP 1010792 A3 20010207 (EN)

Application

EP 99500044 A 19990317

Priority

ES 9802596 A 19981215

Abstract (en)

[origin: EP1010792A2] The process comprises making an elastic film, made of a thermoplastic polymer, a pigmentary dispersion and a lubricating agent, obtained in an extrusion process with certain dimensional ratios between the opening for the outlet of material, in the extruder head, and the sheet of film; cutting and stretching the film in certain conditions as to stretch and temperature ratio; and the resultant ribbons are knitted with a preferred loop structure so that the tubular fabric preferably has an ultimate elongation and an elastic limit respectively in excess of 100% and 20%. The resultant ribbons are all knitted preferably forming a tubular loop structure which has chains of loops (1) running parallel to the longitudinal axis (5) of the tubular fabric, and ribbons (2) perpendicular to said axis interconnecting the chains of loops (figure 1). <IMAGE>

IPC 1-7

D04B 21/12

IPC 8 full level

D04B 21/12 (2006.01)

CPC (source: EP)

D04B 21/12 (2013.01); **D10B 2401/061** (2013.01); **D10B 2505/10** (2013.01)

Citation (search report)

- [XA] US 4060999 A 19771206 - MARKS RONALD H, et al
- [XA] US 5104714 A 19920414 - LEIBER YUVAL [IL], et al
- [X] US 5664306 A 19970909 - SA DON MACHLUF ILAN [IL], et al
- [A] US 3645299 A 19720229 - EICHLER JOSEF ALFRED, et al
- [A] US 4402409 A 19830906 - SLOCUMB ROBERT C [US]

Cited by

EP1736583A1; ES2278500A1; EP3517669A3; US7269978B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1010792 A2 20000621; **EP 1010792 A3 20010207**; **EP 1010792 B1 20030903**; AT E248942 T1 20030915; DE 69910959 D1 20031009; DE 69910959 T2 20040609; ES 2154197 A1 20010316; ES 2154197 B1 20010901

DOCDB simple family (application)

EP 99500044 A 19990317; AT 99500044 T 19990317; DE 69910959 T 19990317; ES 9802596 A 19981215