

Title (en)

Two-way elastic warp knit article and method of manufacture.

Title (de)

Bi-elastische Kettenwirkware und ihre Herstellung.

Title (fr)

Article en mailles tricotées bi-élastique et procédé de fabrication.

Publication

EP 0119535 A1 19840926 (DE)

Application

EP 84102347 A 19840305

Priority

DE 3309311 A 19830316

Abstract (en)

[origin: ES8602986A1] Horizontally bonded loops of an elasthane yarn are inserted into the stitches of the basic warp knitted fabric, to give a bi-stretch material. The basic warp knitted fabric is made of yarns with a hard fibre character. The elasthane yarn has a stretch of at least 250%, pref. a stretch of 450-650%, and has a titre of 10-960 dtex.

[origin: ES8602986A1] Horizontally bonded loops of an elasthane yarn are inserted into the stitches of the basic warp knitted fabric, to give a bi-stretch material. The basic warp knitted fabric is made of yarns with a hard fibre character. The elasthane yarn has a stretch of at least 250%, pref. a stretch of 450-650%, and has a titre of 10-960 dtex.

Abstract (de)

Bi-elastische Kettenwirkware mit ausgewogenem Verhalten der elastischen Kräfte in Längs- und Querrichtung wird erhalten, indem man Elasthangarn als Schlußfaden beim Maschenbildungsvorgang in der Fang- oder der Legestellung unter die Nadelspitzen führt, wodurch beim Anschlagen Fadenschleifen gebildet werden.

IPC 1-7

D04B 21/18

IPC 8 full level

D04B 21/16 (2006.01); **D04B 21/18** (2006.01)

CPC (source: EP KR US)

D04B 21/18 (2013.01 - EP KR US)

Citation (search report)

- US 3931721 A 19760113 - ADAMSON THOMAS E
- US 2356819 A 19440829 - BURNS CHARLES R
- US 3390549 A 19680702 - BRAND SIEGFRIED F
- US 3747374 A 19730724 - MEYER R
- US T953009 I4 19761207
- FR 2372262 A1 19780623 - BAYER AG [DE], et al
- US 3074259 A 19630122 - GEORGE BASSIST RUDOLPH

Cited by

EP0826809A1; US5832749A; GB2233676A; GB2233676B

Designated contracting state (EPC)

AT BE DE FR GB IT

DOCDB simple family (publication)

EP 0119535 A1 19840926; EP 0119535 B1 19860813; AT E21419 T1 19860815; DD 216489 A5 19841212; DE 3309311 A1 19840920; DE 3460451 D1 19860918; ES 530657 A0 19851201; ES 8602986 A1 19851201; JP H0130938 B2 19890622; JP S59179852 A 19841012; KR 840007912 A 19841211; US 4817400 A 19890404; US 4909049 A 19900320

DOCDB simple family (application)

EP 84102347 A 19840305; AT 84102347 T 19840305; DD 26089584 A 19840314; DE 3309311 A 19830316; DE 3460451 T 19840305; ES 530657 A 19840315; JP 4828684 A 19840315; KR 840001331 A 19840316; US 27709888 A 19881129; US 8818287 A 19870821