

Title (en)

Core yarn intended for use in a support garment and associated support garment

Title (de)

Coregarn zur Verwendung im Kompressionsartikel sowie Kompressionsartikel

Title (fr)

Fil guipé destiné à constituer au moins une partie d'un article de contention et article de contention associé

Publication

EP 1746189 A1 20070124 (FR)

Application

EP 06291014 A 20060621

Priority

FR 0507644 A 20050719

Abstract (en)

The yarn (10) has an elastic central core (11) and a covering yarn (12) made of translucent material, where the covering yarn is wrapped around the central core by helically winding around the central core. The covering yarn is made of a synthetic material selected from the group comprising translucent elastanes, transparent fibers of ethylene-olefin copolymer, translucent polyesters and polyamides. An independent claim is also included for a remedial-support article constituted by a covered yarn.

IPC 8 full level

D02G 3/34 (2006.01); **D02G 3/32** (2006.01); **D02G 3/38** (2006.01); **D03D 15/56** (2021.01)

CPC (source: EP US)

D02G 3/328 (2013.01 - EP US); **D02G 3/346** (2013.01 - EP US); **D02G 3/38** (2013.01 - US); **D04B 1/18** (2013.01 - EP US); **D04B 1/265** (2013.01 - EP US); **D10B 2331/02** (2013.01 - EP); **D10B 2331/04** (2013.01 - EP); **D10B 2401/14** (2013.01 - EP US); **D10B 2509/028** (2013.01 - EP US)

Citation (applicant)

- BE 659377 A 19650528
- FR 2801495 A1 20010601 - COGNON MORIN [FR]
- EP 0648873 A1 19950419 - TORAY INDUSTRIES [JP]
- JP 2003041445 A 20030213 - TORAY INDUSTRIES
- DE 19506227 A1 19960307 - REPP MARILYN CARLA [DE]
- EP 0729713 A1 19960904 - TORAY INDUSTRIES [JP]
- DE 19915298 A1 19991028 - RECYTEX TEXTILAUFBEREITUNG GMB [DE]
- WO 9929942 A1 19990617 - SUKARAA HAITATTI CO LTD [JP], et al

Citation (search report)

- [X] US 2002108405 A1 20020815 - YAKOPSON SIMON MYRON [US]
- [X] US 5987933 A 19991123 - METZLER JOSEF [AT]
- [A] US 4106313 A 19780815 - BOE NORMAN W
- [A] FR 2172463 A6 19730928 - CHAMPGONTIER SA [FR]
- [A] DE 19915298 A1 19991028 - RECYTEX TEXTILAUFBEREITUNG GMB [DE]
- [X] FR 2789301 A1 20000811 - LHD LAB HYGIENE DIETETIQUE [FR]

Citation (third parties)

Third party :

- US 6725691 B2 20040427 - YAKOPSON SIMON MYRON [US]
- US 2007029308 A1 20070208 - ARABEYRE RENE [FR], et al
- FR 2432867 A1 19800307 - THUASNE & CIE
- FR 2588890 A1 19870424 - THUASNE & CIE [FR]
- EP 1254980 A1 20021106 - YKK CORP [JP]
- GB 1515923 A 19780628 - HOECHST AG
- JP 2000054241 A 20000222 - YAMAMOTO SANGYO KK
- WO 9601565 A1 19960125 - MERCURI ENRICO [AU]
- FR 2172463 A6 19730928 - CHAMPGONTIER SA [FR]
- FR 1226337 A 19600711 - US RUBBER CO
- US 5352518 A 19941004 - MURAMOTO YASUO [JP], et al
- BOLIEK J.E. AND JENSEN W.: "Fibers, Elastomeric", KIRK-OTHEMER ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY, 4 December 2000 (2000-12-04), pages 1 - 7, XP003025779

Cited by

CN110499560A; EP2036591A1; FR3040133A1; EP3480351A1; RU2703569G2; US10639209B2; EP2292818A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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