

Title (en)
Ventilated garments

Title (de)
Belüftete Kleidungsstücke

Title (fr)
Vêtements ventilés

Publication
EP 2457454 A1 20120530 (EN)

Application
EP 11191078 A 20111129

Priority
IL 20961210 A 20101129

Abstract (en)
Disclosed is a garment for maintaining body temperature to enhance sperm production. The garment includes a mesh material configured to encompass at least a portion of the male testes and a support structure attached to the mesh material. The support structure includes a belt having a length suitable for encircling a male torso.

IPC 8 full level
A41B 9/02 (2006.01)

CPC (source: EP US)
A41B 9/02 (2013.01 - EP US); **A41B 2400/20** (2013.01 - EP US)

Citation (applicant)

- MIEUSSET R. ET AL.: "Testicular heating and its possible contributions to male infertility: a review", INTERNATIONAL JOURNAL OF ANDROLOGY, vol. 18, 1995, pages 169 - 184
- THONNEAU P. ET AL.: "Occupational heat exposure and male fertility: a review", HUMAN REPRODUCTION, vol. 13, 1998, pages 2122 - 2125
- BUJAN L. ET AL.: "Increase in scrotal temperature in car drivers", HUMAN REPRODUCTION, vol. 15, 2000, pages 1355 - 1357
- HJOLLUND N. ET AL.: "Diurnal scrotal skin temperature and semen quality", DANISH FIRST PREGNANCY PLANNER STUDY TEAM, INTERNATIONAL JOURNAL OF ANDROLOGY, vol. 23, 2000, pages 309 - 318
- SETCHELL BP.: "Heat and the testis", JOURNAL OF REPRODUCTION AND FERTILITY, vol. 114, 1998, pages 179 - 184
- POLITO L. ET AL.: "New data confirming a circannual rhythm in spermatogenesis", FERTILITY AND STERILITY, vol. 52, 1989, pages 486 - 489
- MIEUSSET R.; BUJAN L.: "The Potential Of Mild Testicular Heating As A Safe, Effective And Reversible Contraceptive Method For Men", INTERNATIONAL JOURNAL OF ANDROLOGY, vol. 17, 1995, pages 186 - 191
- FIGA-TALAMANCA I. ET AL.: "Effects Of Prolonged Auto Vehicle Driving On Male Reproductive Function: A Study Among Taxi Drivers", AMERICAN JOURNAL OF INDUSTRIAL MEDICINE, vol. 30, 1996, pages 750 - 758
- BONDE, J. P.: "Semen Quality In Welders Exposed To Radiant Heat", BRITISH JOURNAL OF INDUSTRIAL MEDICINE, vol. 49, 1992, pages 5 - 10
- FIGA-TALAMANCA, I. ET AL.: "Fertility And Semen Quality Of Workers Exposed To High Temperatures In The Ceramics Industry", REPRODUCTIVE TOXICOLOGY, vol. 6, 1992, pages 517 - 523, XP025487345, DOI: doi:10.1016/0890-6238(92)90036-S
- THONNEAU, P. ET AL.: "Heat Exposure As A Hazard To Male Fertility", THE LANCET, vol. 347, 1996, pages 204 - 205
- BONDE, J. P. ET AL.: "A Follow-Up Study Of Environmental And Biologic Determinants Of Fertility Among 430 Danish First Pregnancy Planners: Design And Methods", REPRODUCTIVE TOXICOLOGY, vol. 12, 1998, pages 19 - 27
- BUJAN L. ET AL.: "Increase In Scrotal Temperature In Car Drivers", HUMAN REPRODUCTION, vol. 15, 2000, pages 1355 - 1357
- GYLLENBORG J. ET AL.: "Secular And Seasonal Changes In Semen Quality Among Young Danish Men - A Statistical Analysis Of Semen Samples From Donor Candidates during 1977-1995", INTERNATIONAL JOURNAL OF ANDROLOGY, vol. 22, 1999, pages 28 - 36
- LEVINE R.J. ET AL.: "Differences In The Quality Of Semen In Outdoor Workers During Summer And Winter", NEW ENGLAND JOURNAL OF MEDICINE, vol. 323, 1990, pages 12 - 16
- JORGENSEN N. ET AL.: "Regional Differences In Semen Quality In Europe", HUMAN REPRODUCTION, vol. 16, 2001, pages 1012 - 1019

Citation (search report)

- [X] FR 2831028 A1 20030425 - BELPAUME CHARLES [FR]
- [X] US 2008229487 A1 20080925 - KWEON GU-BEOM [KR]
- [X] FR 2831027 A1 20030425 - BELPAUME CHARLES [FR]
- [X] US 2006005301 A1 20060112 - TAYLOR RICHARD A [US]
- [X] CN 201388539 Y 20100127 - JIANGSU AB GROUP CO LTD
- [X] CN 2471129 Y 20020116 - QIU CHANGSHENG [CN]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2457454 A1 20120530; IL 209612 A0 20110228; US 2012131719 A1 20120531

DOCDB simple family (application)
EP 11191078 A 20111129; IL 20961210 A 20101129; US 201113306101 A 20111129