

Title (en)
SHELL FABRIC WITH MOTION FOLLOWABILITY

Title (de)
HÜLLENGEWEBE MIT BEWEGUNGSVERFOLGUNG

Title (fr)
TISSU D'ENVELOPPE À APTITUDE AU SUIVI DE MOUVEMENT

Publication
EP 3508630 B1 20210714 (EN)

Application
EP 17845417 A 20170830

Priority

- CN 201610777976 A 20160831
- CN 201610793505 A 20160831
- CN 2017099560 W 20170830

Abstract (en)
[origin: EP3508630A1] Provided is a stretch fabric with an excellent snap back performance. The stretch fabric is a warp knitted fabric formed from hard yarns and elastic yarns, wherein the included angle (α) between a sinker loop (2) of the elastic yarn and the knitting direction of a needle loop is 0-10°, and the included angle (β) between a sinker loop (4) of the hard yarn and the knitting direction of a loop is 5-85°. Particularly under high-speed stretching and recovery motion conditions, a wearing pressure increase caused by an elongation stress and a wearing pressure decrease caused by a delayed recovery can be effectively inhibited; moreover, the wearing comfort can be maintained and muscle vibration can be prevented.

IPC 8 full level
D04B 21/14 (2006.01); **D04B 21/16** (2006.01); **D04B 21/18** (2006.01)

CPC (source: EP KR US)
D04B 21/14 (2013.01 - US); **D04B 21/16** (2013.01 - EP US); **D04B 21/18** (2013.01 - EP KR US); **D04B 21/207** (2013.01 - KR); **D10B 2331/10** (2013.01 - EP US); **D10B 2401/061** (2013.01 - US); **D10B 2501/00** (2013.01 - US)

Citation (examination)
EP 3380660 A1 20181003 - URGO RECH INNOVATION ET DEVELOPPEMENT [FR]

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

DOCDB simple family (publication)
EP 3508630 A1 20190710; **EP 3508630 A4 20200415**; **EP 3508630 B1 20210714**; CN 109415856 A 20190301; CN 109415856 B 20210323; JP 2019528385 A 20191010; KR 20190040217 A 20190417; TW 201816213 A 20180501; US 2019242039 A1 20190808; WO 2018041115 A1 20180308

DOCDB simple family (application)
EP 17845417 A 20170830; CN 2017099560 W 20170830; CN 201780042405 A 20170830; JP 2019511743 A 20170830; KR 20197005473 A 20170830; TW 106129493 A 20170830; US 201716328901 A 20170830