

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

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- 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 ( $\alpha$ ) between a sinker loop (2) of the elastic yarn and the knitting direction of a needle loop is 0-10°, and the included angle ( $\beta$ ) 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)

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