

Title (en)

SKI CLOTHING WITH ANTI-CUT CHARACTERISTICS AND RELATED FABRIC

Title (de)

SKIBEKLEIDUNG MIT SCHNITTSCHUTZEIGENSCHAFTEN UND DAZUGEHÖRIGES GEWEBE

Title (fr)

VÊTEMENT DE SKI AYANT DES CARACTÉRISTIQUES ANTI-COUPÉ ET TISSU ASSOCIÉ

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Application

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Abstract (en)

[origin: WO2020157638A1] The invention relates to a fabric with anti-cut characteristics, in particular with a cut resistance level 3 or higher according to EN 388: 2016, which comprises: (a) a PE-UHMW ultra high molecular weight polyethylene yarn; (b) a thermal polymer yarn, such as polyester or polypropylene; and (c) a yarn of an elastomer. The three yarns are intertwined between them with a double warp and simple weft circular knit, and namely made with feeds of polyethylene yarn and the same number of thermal polymer yarn feeds between which the elastomer yarn is inserted internally with a thread guide between the needles creating a double-face fabric. Particular titres, degrees of twisting and finishing processes optimize the anti-cut characteristics. The invention also relates to skiwear (1) produced with the fabric and a process for the production of the fabric.

IPC 8 full level

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CPC (source: EP)

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