

Title (en)

COATED LIGHTWEIGHT FABRIC, IN PARTICULAR FOR A GLIDING WING

Title (de)

BESCHICHTETES LEICHTGEWEBE, INSBESONDERE FÜR EINEN GLEITFLÜGEL

Title (fr)

TISSU LÉGER ENDUIT, NOTAMMENT POUR VOILE DE VOL

Publication

EP 4225979 A1 20230816 (FR)

Application

EP 21786230 A 20211004

Priority

- FR 2010142 A 20201005
- EP 2021077235 W 20211004

Abstract (en)

[origin: WO2022073902A1] Fabric for a gliding wing, in particular for paragliding, formed from warp threads and continuous weft threads and coated on one or both faces with a polyurethane (PU), the bare fabric having a coverage rate TC of between 1.8 and 4, characterized in that the yarns are made of polyethylene terephthalate (PET), in that the fabric has a density of between 30 and 50 yarns/cm in warp and weft, in that the polyurethane is a polyether-, polyester- or polycarbonate-based cross-linked PU, and in that said PU is derived from the crosslinking (1) of a one-component polyurethane having a modulus at 100% elongation of 5 MPa or less, according to standard DIN 53504, carried out in an organic solvent phase, (2) by a cross-linking agent, with a proportion of dry cross-linking agent relative to dry elastomer of between approximately 5% and approximately 30% by weight.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2022073902A1

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