

Title (en)

COATED LIGHTWEIGHT FABRIC, IN PARTICULAR FOR WEBS FOR FLIGHTS

Title (de)

BESCHICHTETES LEICHTES GEWEBE, INSBESONDERE FÜR STOFFE ZUM FLIEGEN

Title (fr)

TISSU LÉGER ENDUIT, NOTAMMENT POUR VOILE DE VOL

Publication

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Application

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Abstract (en)

[origin: WO2011042653A1] The invention relates to a light fabric consisting of continuous warp yarns and weft yarns, said fabric being coated on one or both of the surfaces thereof with a polyurethane, in which the bare fabric has a coverage rate TC of 1.8 to 4, preferably 2.6 to 3.2, the polyurethane is made of polyether and polycarbonate with a tensile stress at 100% elongation of less than or equal to 5 MPa, the impregnation rate is greater than or equal to 10 wt %, preferably 12 to 30 wt %, more preferably 15 to 25 wt %, and the fabric has a weight, including the coating, of 25 to 40 g/m². The invention also relates to a method for manufacturing such a fabric. The invention can be used in particular for flight sails, in particular paragliders.

IPC 8 full level

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