

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
EP 2486185 B1 20171101 (FR)

Application
EP 10777052 A 20101005

Priority
• FR 0956929 A 20091005
• FR 2010052094 W 20101005

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
D06N 3/14 (2006.01); **D03D 13/00** (2006.01); **D03D 15/00** (2006.01); **D06M 15/564** (2006.01); **D06M 15/568** (2006.01); **D06M 15/572** (2006.01); **D06N 3/00** (2006.01)

CPC (source: EP KR US)
D03D 13/008 (2013.01 - EP KR); **D03D 15/225** (2021.01 - EP US); **D03D 15/283** (2021.01 - EP US); **D06C 15/00** (2013.01 - KR); **D06M 15/564** (2013.01 - EP KR); **D06M 15/568** (2013.01 - EP); **D06M 15/572** (2013.01 - EP); **D06N 3/0002** (2013.01 - EP); **D06N 3/14** (2013.01 - EP KR); **D10B 2201/24** (2013.01 - EP); **D10B 2331/02** (2013.01 - EP); **D10B 2331/04** (2013.01 - EP); **D10B 2401/062** (2013.01 - EP KR); **D10B 2401/10** (2013.01 - EP); **D10B 2401/22** (2013.01 - EP KR); **D10B 2507/00** (2013.01 - EP KR); **D10B 2507/04** (2013.01 - EP KR)

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)
FR 2950903 A1 20110408; **FR 2950903 B1 20120921**; BR 112012007776 A2 20200811; BR 112012007776 B1 20210209; EP 2486185 A1 20120815; EP 2486185 B1 20171101; ES 2651917 T3 20180130; HR P20171757 T1 20171229; HU E037278 T2 20180828; IN 3306DEN2012 A 20150626; KR 101765730 B1 20170807; KR 20120083901 A 20120726; PL 2486185 T3 20180530; PT 2486185 T 20180108; WO 2011042653 A1 20110414; ZA 201202811 B 20121227

DOCDB simple family (application)
FR 0956929 A 20091005; BR 112012007776 A 20101005; EP 10777052 A 20101005; ES 10777052 T 20101005; FR 2010052094 W 20101005; HR P20171757 T 20171114; HU E10777052 A 20101005; IN 3306DEN2012 A 20120417; KR 20127011627 A 20101005; PL 10777052 T 20101005; PT 10777052 T 20101005; ZA 201202811 A 20120417