

Title (en)  
FABRIC IN PARTICULAR MADE OF CARBON YARNS HAVING LOW THICKNESS VARIABILITY COMBINED WITH A SPECIFIC BASIS WEIGHT RANGE

Title (de)  
GEWEBE, INSBESONDERE AUS KOHLENSTOFFFASERGARNEN MIT GERINGER DICKENVARIABILITÄT IN KOMBINATION MIT EINEM SPEZIFISCHEN BASISGEWICHTSBEREICH

Title (fr)  
TISSU NOTAMMENT DE FILS DE CARBONE PRÉSENTANT UNE FAIBLE VARIABILITÉ D'ÉPAISSEUR COMBINÉE À UNE GAMME SPÉCIFIQUE DE MASSE SURFACIQUE

Publication  
**EP 2964824 B1 20190227 (FR)**

Application  
**EP 14713538 A 20140306**

Priority  
• FR 1352122 A 20130308  
• FR 2014050508 W 20140306

Abstract (en)  
[origin: WO2014135805A1] The invention concerns a fabric composed of warp yarns and weft yarns, characterized by one of the following combinations of features: - a basis weight which is equal to or greater than 40 g/m<sup>2</sup> and less than 100 g/m<sup>2</sup> and a standard thickness variance measured on a pile of three identical fabrics disposed one on top of the other and in the same direction which is equal to or less than 35 µm; a basis weight which is equal to or greater than 100 g/m<sup>2</sup> and equal to or less than 160 g/m<sup>2</sup> and a standard thickness variance measured on a pile of three identical fabrics disposed one on top of the other and in the same direction which is equal to or less than 50 µm; a basis weight which is greater than 160 g/m<sup>2</sup> and equal to or less than 200 g/m<sup>2</sup> and a standard thickness variance measured on a pile of three identical fabrics disposed one on top of the other and in the same direction which is equal to or less than 60 µm; or a basis weight which is greater than 200 g/m<sup>2</sup> and equal to or less than 400 g/m<sup>2</sup> and a standard thickness variance measured on a pile of three identical fabrics disposed one on top of the other and in the same direction which is equal to or less than 90 µm. The invention is further characterized in that the warp yarns and/or the weft yarns consist of an assembly of filaments which can move freely relative to each other within the yarn.

IPC 8 full level  
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Citation (opposition)  
Opponent : C. Cramer, Weberei, Heek-Nienborg, GmbH  
• EP 1550766 A1 20050706 - MITSUBISHI CHEM CORP [JP]  
• DE 69312831 T2 19971127 - TORAY INDUSTRIES [JP]  
• US 5455107 A 19951003 - HOMMA KIYOSHI [JP], et al  
• EP 1838909 B1 20110824 - TAPE WEAVING SWEDEN AB [SE]  
• US 2006252325 A1 20061109 - MATSUMURA MINEAKI [JP], et al  
• EP 0756027 B1 20100421 - TORAY INDUSTRIES [JP]  
• JP S58191244 A 19831108 - MITSUBISHI RAYON CO  
• EP 1662033 A1 20060531 - TORAY INDUSTRIES [JP]  
• EP 1944398 B1 20121219 - TORAY INDUSTRIES [JP]  
Opponent : CHOMARAT TEXTILES INDUSTRIES  
• "PAPPORT DE MESURES & CONTROLES", SEMATEC METROLOGIE, pages 1 - 6, XP055660198  
• "Technical fabrics handbook", 2010, article ANONYMOUS: "Technical fabrics handbook", pages: 1 - 116, XP055660188  
• ANONYMOUS: "Initial overlap of dry reinforcement", CHOMARAT, pages 1 - 5

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DOCDB simple family (application)  
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