

Title (en)

FIBRILLATED REGENERATED CELLULOSE FIBER, AND FABRIC USING SAME

Title (de)

FIBRILLIERTE REGENERIERTE CELLULOSEFASER UND DAMIT AUSGERÜSTETES GEWEBE

Title (fr)

FIBRE DE CELLULOSE RÉGÉNÉRÉE FIBRILLÉE ET TISSU UTILISANT LADITE FIBRE

Publication

EP 4092185 A1 20221123 (EN)

Application

EP 20913922 A 20200114

Priority

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Abstract (en)

Provided are a fibrillated regenerated cellulose fiber, and a fabric using the same, the fiber having a characteristic surface texture, softness, and a resilient feeling, being fibrillated by rubbing and tanning treatment in a wet state, and having an excellent surface texture and long-lasting feeling after being water-washed, thereby exhibiting high quality. Provided are: a regenerated cellulose fiber of which the surface is fibrillated and which has a degree of polymerization of 100-250, and a tensile strength of 1.0-3.0 cN/dtex (exclusive of 1.0 cN/dtex) at the time of drying; a fabric including the regenerated cellulose fiber as a constituent yarn; and a method for producing the regenerated cellulose fiber of which the surface is fibrillated, and the fabric including the regenerated cellulose fiber as a constituent yarn, the method comprising a step for modifying, in an acid solution, the regenerated cellulose fiber into yarn or fabric form, under the conditions of a temperature of 110-150 °C, a pH of 2.6-3.4, and a duration of 10-30 minutes.

IPC 8 full level

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