Title (en)

CELLULOSE FIBRES.

Title (de)

CELLULOSEFASER.

Title (fr)

FIBRES CELLULOSIQUES.

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Application

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Priority

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Abstract (en)

[origin: WO9502082A1] The invention concerns a method of manufacturing cellulose fibres by extruding a solution of cellulose in a tertiary-amine oxide through the holes of a spinneret and passing the extruded filaments under tension through an air gap and into a regenerating bath. The method is characterized in that it is carried out in such a way that the maximum value of the mathematical expression 51.4 + 0.033xD + 1937xM<2> - 7.18xT - 0.094xL - 2.50xF + 0.045xF<2> in which D is the spinneret-hole diameter in mu m, M is the spinning-solution throughput per hole in g/min, T is the titre of a single filament in dtex, L is the length of the air gap in mm and F is the humidity of the air in the air gap in g of water per kg of air, is 10, with the provision that the length of the air gap is greater than 30 mm. This method gives cellulose fibres with a very low tendency to fibrillation.

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IPC 8 full level

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