

Title (en)  
DOPE FOR SPINNING LYOCELL, METHOD FOR PREPARING LYOCELL FILAMENT FIBER , AND METHOD FOR PREPARING A LYOCELL STAPLE FIBER USING SAME

Title (de)  
SPINNLOSUNG ZUM SPINNEN EINER LYOZELLE, VERFAHREN ZUR HERSTELLUNG EINER LYOZELLENFILAMENTFASER UND VERFAHREN ZUR HERSTELLUNG EINER LYOZELLENSTAPELFASER DAMIT

Title (fr)  
DOPE POUR LE FILAGE DE FIBRE CELLULOSIQUE À HAUTE TÉNACITÉ, PROCÉDÉ POUR LA PRÉPARATION DE FIBRE DE FILAMENT CELLULOSIQUE À HAUTE TÉNACITÉ UTILISANT UN TEL DOPE, ET PROCÉDÉ POUR LA PRÉPARATION DE FIBRE COURTE DE FIBRE CELLULOSIQUE À HAUTE TÉNACITÉ

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Application  
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Abstract (en)  
[origin: EP2589689A2] This disclose relates to dope for spinning lyocell including cotton linter pulp and an aqueous solution of N-methylmorpholine-N-oxide (NMMO), a method for manufacturing lyocell filament fiber using the dope, lyocell filament fiber manufactured by the method, a method for manufacturing lyocell staple fiber using the dope, and lyocell staple fiber obtained by the manufacturing method. According to the present invention, fiber that exhibits a low orientation degree and fibrillation degree, and a high elongation, and thus may be applied for fiber for high grade clothing, may be provided without conducting additional processes.

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• AXEL SCZOSTAK: "Cotton Linters: An Alternative Cellulosic Raw Material", MACROMOLECULAR SYMPOSIA., vol. 280, no. 1, 1 June 2009 (2009-06-01), DE, pages 45 - 53, XP055373670, ISSN: 1022-1360, DOI: 10.1002/masy.200950606

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