

Title (en)
PROCESS FOR PROCESSING CELLULOSE FILMS OR SHAPED ARTICLES

Title (de)
VERFAHREN ZUR VERARBEITUNG VON FOLIEN ODER FORMARTIKELN AUS CELLULOSE

Title (fr)
PROCÉDÉ DE TRAITEMENT DE PELLICULES OU D'ARTICLES FAÇONNÉS CELLULOSIQUES

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Abstract (en)
[origin: WO2012160362A1] The present invention provides a process for producing cellulose film or cellulose shaped articles comprising the steps of steeping a non-dissolving cellulose- containing pulp in a basic liquid, xanthating the steeped cellulose-containing pulp with carbon disulphide, dissolving the xanthated cellulose-containing pulp in a basic liquid to form a viscose solution, and casting a cellulose film or cellulose shaped article from the viscose solution, wherein one or more of the following optimised processing conditions are employed: steeping is carried out, at least partially, at a temperature of about 30°C to about 50°C, steeping is carried out in a basic liquid having a concentration of base of about 16 to about 18% by weight, xanthation is carried out using about 30 to about 40% carbon disulphide by weight of cellulose present, xanthation is carried out, at least partially, at a temperature of about 20°C to about 30°C, dissolution is carried out, at least partially, at a temperature of about 10°C to about 25°C, dissolution results in a viscose solution having a base concentration of between about 5.5 and 7.5% by weight of the solution, and / or dissolution results in a viscose solution having a cellulose concentration of between about 8.5 and about 9.5% by weight of the solution.

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