

Title (en)
PROCESS FOR PRODUCING A CELLULOSE MOULD BODY

Title (de)
VERFAHREN ZUR HERSTELLUNG CELLULOSISCHER FORMKÖRPER

Title (fr)
PROCEDE POUR PRODUIRE DES CORPS MOULES EN CELLULOSE

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Application
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Abstract (en)
[origin: WO9741284A1] This invention concerns a process for producing a cellulose mould body in which a solution containing cellulose and a tertiary amine-N-oxide is extruded through a die (1) consisting of at least one die channel (7) with an inlet area, an outlet area and a die channel port (8). The extrudate is then led through an air gap, drawn in it, and finally coagulated in a regenerating bath (3). The die channel (7) (of which there is at least one) has a first conical area (9) facing the inlet area with a diameter which diminishes in the direction of the die channel port (8). The die channel (7) (of which there is at least one) has at least a second conical area (10) facing the outlet area with a diameter which diminishes in the direction of the die channel port (8). The first conical area (9) is connected to the second conical area (10) by a rounded area (11), and it has a larger aperture angle than the second conical area (10). The second conical area (10) has a length-to-diameter (L/D) relationship of the diameter D of the die channel port (8) between 1 and 15.

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