

Title (en)
FILAMENT CONTAINING HYALURONIC ACID IN FREE ACIDIC FORM AND METHOD FOR MAKING SAME

Title (de)
FASER MIT HYALURONSÄURE IN FREIER SAURER FORM UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
FILAMENT A BASE D'ACIDE HYALURONIQUE SOUS FORME ACIDE LIBRE ET SON PROCEDE D'OBTENTION

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Application
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Abstract (en)
[origin: WO2009050389A2] The invention relates to a method for producing by wet spinning a continuous filament containing hyaluronic acid in the free acidic and particularly water-soluble form. The preparation method of the invention comprises the following steps: a) preparing an aqueous solution suitable for spinning of hyaluronic acid or a salt thereof, preferably a sodium hyaluronate solution; b) extruding said solution through an extrusion die; c) forming the filament by passing the extruded solution in a bath of concentrated acetic acid, particularly at more than 80%, followed by stretching and drying. The invention also relates to a filament containing hyaluronic acid in the free acidic form, wherein said filament has swelling properties in water and physiological liquids and can be solubilised in water under certain conditions.

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