

Title (en)

METHOD AND DEVICE FOR PRODUCING SUBSTANTIALLY ENDLESS FINE THREADS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON IM WESENTLICHEN ENDLOSEN FEINEN FÄDEN

Title (fr)

PROCEDES ET DISPOSITIFS POUR LA PRODUCTION DE FILAMENTS FINS SENSIBLEMENT CONTINUS

Publication

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Application

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Abstract (en)

[origin: WO02052070A2] The invention relates to a method and a device for producing substantially endless fine threads from polymer solutions, especially spinning material for lyocell, wherein the spinning material is spun from at least one spinning hole or a spinning slot. The spun thread or film is drawn by high-speed accelerated gas flows using a Laval nozzle whose narrowest cross-section is located beneath the point where the spinning material exits. The threads are arranged on a strip in the form of a non-woven or are taken up in the form of a yarn and are subsequently separated in spinning baths by means of solvents

IPC 1-7

D01D 1/00

IPC 8 full level

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CPC (source: EP US)

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Cited by

AT503625B1; EP3385428A1; WO2018184924A1; WO2018071928A1; US11371173B2; WO2018184045A1; WO2018184046A1; US9334592B2; WO2018184051A1; EP3385434A1; WO2018184941A1; EP2824224A1; EP3385425A1; WO2018184925A1; US8282877B2; EP2957667A1; EP3144376A1; WO2017046044A1; EP3385426A1; WO2018184930A1; EP3385431A1; EP3385432A1; WO2018184938A1; WO2018184927A1; US11326283B2; DE102010019910A1; WO2011138056A1; EP3385435A1; EP3385427A1; WO2018184922A1; WO2018184937A1; EP3385433A1; EP3385429A1; EP3385430A1; WO2018184926A1; WO2018184929A1; WO2018184932A1; EP3604652A1; WO2020025440A1

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