

Title (en)  
ULTRAFINE COMPOSITE FIBER, ULTRAFINE FIBER, METHOD FOR MANUFACTURING SAME, AND FIBER STRUCTURE

Title (de)  
ULTRAFEINE VERBUNDFASER, ULTRAFEINE FASER, HERSTELLUNGSVERFAHREN DAFÜR SOWIE FASERGEBILDE

Title (fr)  
FIBRE COMPOSITE ULTRAFINE, FIBRE ULTRAFINE, SON PROCÉDÉ DE FABRICATION ET STRUCTURE DE FIBRE

Publication  
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Application  
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Abstract (en)  
[origin: EP2221402A1] An ultrafine composite fiber of the present invention is obtained by heating and melting a composite-resin-formed product in front of a supply-side electrode and/or in a space between electrodes and extending the composite-resin-formed product by electrospinning, wherein the composite-resin-formed product is a solid-state composite-resin-formed product having two or more phases and including a resin that has a volume specific resistance of 10 15 @-cm or less, and that is exposed on 30 % or more of a surface of the composite-resin-formed product. With this, an ultrafine composite synthetic fiber and an ultrafine synthetic fiber can be obtained by electrospinning, without a solvent being mixed in a supply resin, and further, a method for manufacturing an ultrafine composite fiber, as well as a fiber structure containing an ultrafine composite fiber, are provided

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