

Title (en)
CONTINUOUS METHOD FOR PRODUCING A THERMALLY STABILIZED MULTIFILAMENT THREAD, MULTIFILAMENT THREAD, AND FIBER

Title (de)
KONTINUIERLICHES VERFAHREN ZUR HERSTELLUNG EINES THERMISCH STABILISIERTEN MULTIFILAMENTGARNS,
MULTIFILAMENTGARN UND FASER

Title (fr)
PROCÉDÉ DE PRODUCTION EN CONTINU D'UN FIL MULTIFILAMENT STABILISÉ THERMIQUEMENT, FIL MULTIFILAMENT ET FIBRE

Publication
EP 3568509 A1 20191120 (DE)

Application
EP 17701277 A 20170110

Priority
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Abstract (en)
[origin: WO2018130268A1] The invention relates to a method for thermally stabilizing melt-spun PAN precursors. For this purpose, the invention provides a continuous method for producing a thermally stabilized multifilament thread made of a meltable copolymer of polyacrylonitrile (PAN), wherein a pre-stabilized multifilament thread is thermally stabilized and in the process at least temporarily stretched. The invention additionally relates to a thermally stabilized multifilament thread which can be obtained according to a corresponding method and to a carbon fiber which is made of the correspondingly thermally stabilized multifilament thread.

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Citation (search report)
See references of WO 2018130268A1

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