

Title (en)

METHOD FOR PRODUCING A MULTIFILAMENT COMPOSITE THREAD AND MELT SPINNING DEVICE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES MULTIFILEN VERBUNDFADENS UND SCHMELZSPINNVORRICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UN FIL COMPOSITE MULTIFILAIRE ET DISPOSITIF DE FILAGE PAR FUSION

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Application

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Abstract (en)

[origin: WO2012052203A1] The invention relates to a method for producing a multifilament composite thread in a melt spinning process and to a melt spinning device. The melt spinning device has a spinning unit, a bundling unit, a pull-off unit, a drawing unit, and a compacting unit in order to extrude filament strands from a plurality of spinnerets, the strands being divided into a plurality of filament bundles and pulled off and combined into a composite thread after the pull-off and drawing processes. The wetting of the filament bundles takes place in a plurality of preparation stations of a preparation unit. In order to increase flexibility in the handling and production of composite threads, the filament bundles are guided in the first preparation station optionally using auxiliary wetting or without auxiliary wetting. To this end, the preparation sites of the first preparation station are optionally designed to be able to be activated or deactivated for applying the auxiliary wetting to the filament bundles.

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