

Title (en)

METHOD AND DEVICE FOR PRODUCING A MULTI-COLORED COMPOSITE THREAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES MEHRFARBIGEN VERBUNDFADENS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA FABRICATION D'UN FILAMENT COMPOSITE POLYCHROME

Publication

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Application

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Priority

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Abstract (en)

[origin: US2010297442A1] The invention relates to a method and a device for producing a multi-colored composite thread made of a plurality of extruded colored filament bundles. To this end, a plurality of different dyed polymer melts is generated and extruded in parallel through a plurality of spinnerets to form the colored filament bundles. The colored filament bundles are brought together as a mixed color to form the composite thread. In order to generate a color pattern or to correct the mixed color of the composite thread, according to the invention, the generation of the dyed polymer melts is modified during the extrusion of the filament bundle in order to modify the mixed color of the composite thread.

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