

Title (en)

METHOD AND APPARATUS FOR PRODUCING INTERTWINING KNOTS IN A MULTIFILAMENT THREAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG VON VERFLECHTUNGSKNOTEN IN EINEM MULTIFILEN FADEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR PRODUIRE DES NOEUDS D'ENTRELACEMENT DANS UN FIL MULTIFILAMENTAIRE

Publication

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Application

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Abstract (en)

[origin: WO2012156220A1] The invention relates to a method and an apparatus for producing intertwining knots in a multifilament thread. In this case, an air-stream pulse is directed through a nozzle opening transversely onto the thread. In order to produce a continuous succession of intertwining knots, the air-stream pulse is produced periodically with an interval between the air-stream pulses. In order to be able to produce an irregular thread structure, according to the invention the interval between successive air-stream pulses is continuously changed. To this end, the apparatus according to the invention has a nozzle ring carrying the nozzle opening, said nozzle ring being coupled to a drive. The drive of the nozzle ring is assigned a control device, by way of which a rotary speed of the nozzle ring is controllable for the purpose of changing an interval between the air-stream pulses.

IPC 8 full level

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