

Title (en)
METHOD AND APPARATUS FOR THE PRODUCTION OF A TURF YARN

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES GRASGARNES

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR LA FABRICATION D'UN FIL D'HERBE

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Application
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Abstract (en)
[origin: WO2010102921A2] The invention relates to a method and an apparatus for producing a turf yarn for artificial turf. According to the invention, several monofilaments or ribbons are produced from one respective polymer material in two parallel extrusion processes, the turf yarn being formed by combining several monofilaments or ribbons obtained in the first extrusion process with several monofilaments or ribbons obtained in the second extrusion process. In order to improve especially the elasticity of an artificial turf carpet made from said turf yarn, the monofilaments or ribbons obtained in one of the extrusion processes are crimped before being combined, the crimped monofilaments or ribbons and the flat monofilaments or ribbons being produced in parallel next to each other and being joined in a winding station by means of a tie thread.

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