

Title (en)

METHOD AND DEVICE FOR PRODUCING A CONTINUOUS THREAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES ENDLOSEN FADENS

Title (fr)

PROCÉDÉ ET INSTALLATION DE FABRICATION D'UN FIL SANS FIN

Publication

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Application

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Abstract (en)

[origin: WO2013013331A1] The invention relates to a method and to a device for producing a continuous thread from a synthetic polymer melt. The device comprises a spinning apparatus for extruding and cooling a plurality of filament strands, a device for applying a spinning preparation, a winding apparatus and a drafting zone for drawing the filament strands that is provided between the spinning apparatus and the winding apparatus. The drafting zone is formed by a feed roller pair and four to six successive drafting roller pairs. The first drafting roller pairs are provided with a heating apparatus and the last drafting roller pair is provided with a cooling apparatus, wherein at least one of the two rollers of each drafting roller pair is provided with the heating or cooling apparatus.

IPC 8 full level

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