

Title (en)

A METHOD OF MELT-SPINNING AND WINDING SYNTHETIC YARNS, AND AN EQUIPMENT FOR REALIZING THE METHOD

Title (de)

VERFAHREN ZUM SCHMELZSPINNEN UND AUFWICKELN SYNTHETISCHER GARNE SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE FILAGE PAR FUSION ET D'ENROULEMENT DE FILS SYNTHÉTIQUES, ET ÉQUIPEMENT POUR RÉALISER LE PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2019211181A1] Present invention discloses a method of melt-spinning and winding synthetic yarns, wherein a polymer melt is conveyed through a spin pump and fed to a plurality of spinnerets which extrude the polymer melt into a plurality of yarns respectively, wherein the yarns are wound to a plurality of bobbins by a winding device and wherein the spinnerets are regularly maintained by wiping a spinneret nozzle plate, wherein, the maintenance of at least one of the spinnerets is initiated by manual pressing a wiping button which is connected to a machine control unit and the machine control unit generates a control command which is transmitted to a wiping robot. By replacing operators with a wiping robot automatic spinneret nozzle plate wiping is achieved. By integration of wiping robot with spinning control system the operator could define the wiping robot to start wiping action.

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