

Title (en)
SPINNING DEVICE AND METHOD FOR SPINNING A SYNTHETIC THREAD

Title (de)
SPINNVORRICHTUNG UND -VERFAHREN ZUM SPINNEN EINES SYNTHETISCHEN FADENS

Title (fr)
DISPOSITIF ET PROCEDE PERMETTANT DE FILER UN FIL SYNTHETIQUE

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Application
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Abstract (en)
[origin: WO0005439A1] The invention relates to a spinning device and to a method for spinning a synthetic thread. The thread is formed by combining a number of filaments and is wound into a spool by a spooling device which is connected downstream of the spinning device. A feed cylinder with a gas-permeable wall and a cooling pipe are located below the spinneret. Said cooling pipe is connected to a suction device in such a way that an air stream forms in the cooling pipe in the direction in which the thread runs. This then helps the advancement of the filaments and results in delayed cooling. An air supply device for producing an additional cool air stream in an axial direction of the cooling pipe to cool the filaments is configured below the entrance of the cooling pipe to ensure that the filaments are cooled within the cooling stretch.

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