

Title (en)

PROCESS AND APPARATUS FOR MELT-SPINNING AND COOLING A MULTIPLICITY OF SYNTHETIC THREADS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHMELZSPINNEN UND ABKÜHLEN EINER VIELZAHL SYNTHETISCHER FÄDEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FILAGE À CHAUD ET DE REFROIDISSEMENT DE PLUSIEURS FILS SYNTHÉTIQUES

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Application

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Abstract (en)

[origin: WO2011141427A1] The invention relates to a process and apparatus for melt-spinning and cooling a multiplicity of synthetic threads extruded and cooled in groups in a plurality of spinning stations operated side by side. The spinning stations are each supplied with cold air to cool the threads in question which is produced by a conjoint air-conditioning system featuring a main blower. To produce more particularly relatively high flow rates to cool the threads, the invention provides that an additional blower is used to raise the air pressure of the cold air and to feed the cold air having raised air pressure to at least one of the spinning stations. To perform the process, the apparatus of the invention includes at least an additional blower which is disposed downstream of the main blower in the main line or in one of the supply lines.

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