

Title (en)
SPINNING SYSTEM

Title (de)
SPINNANLAGE

Title (fr)
METIER A FILER

Publication
EP 1687464 B1 20070411 (DE)

Application
EP 04819207 A 20041119

Priority
• EP 2004013169 W 20041119
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Abstract (en)
[origin: WO2005052224A1] A spinning system for melt spinning a plurality of threads with a plurality of spinning nozzles. The spinning nozzles are arranged in two closely adjoining rows in a parallel manner along the longitudinal side of the machine. A cooling device is arranged below the row of nozzles in order to cool the threads which are extruded from the spinning nozzles. The cooling device consists of at least one double cooling shaft with two separate cooling shafts and a central pressure chamber connected to a coolant flow source. In order to ensure that all the threads of a plurality of threads are cooled evenly and to maintain a compact structure for the rows of nozzles, the plurality of spinning nozzles making up the two rows of spinning nozzles along the longitudinal side of the machine are divided up into several spinning points; one respective double cooling shaft from the several double cooling shafts is allocated to the spinning points and the central pressure chambers of the double cooling shafts are connected to the coolant flow source by means of an air channel arranged laterally close to the longitudinal side of the machine.

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