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Stündl et al.

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(54) **METHOD AND DEVICE FOR CRIMPING A MULTIFILAMENT THREAD**

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(57) **ABSTRACT**

A method and a device for crimping a multifilament thread are described. The thread is blown by means of a transport nozzle through a compressed air stream guided in a thread channel into a gas-permeable compression chamber. Inside the compression chamber, the thread is compressed to form a thread plug, which is then continuously removed through an outlet of the compression chamber. The compression and the removal of the thread plug are monitored by measuring the pressure of the compressed air stream. According to the invention, a plurality of pressures of the compressed air stream in the compression chamber are measured at a plurality of measurement points distributed over the length of the compression chamber for monitoring the thread plug formation in order to perform the compressing and cooling of the thread plug with a uniform filling of the compression chamber.

15 Claims, 3 Drawing Sheets

