

Title (en)
DEVICE FOR MELT-SPINNING AND WINDING A PLURALITY OF THREADS

Title (de)
VORRICHTUNG ZUM SCHMELZSPINNEN UND AUFWICKELN MEHRERER FÄDEN

Title (fr)
DISPOSITIF DE FILAGE A CHAUD ET D'ENROULEMENT DE PLUSIEURS FILS

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Application
EP 03772317 A 20031107

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Abstract (en)
[origin: WO2004048651A1] The invention relates to a device for melt-spinning and winding a plurality of threads (1), in which the threads (1) are spun in a spinning device (2), treated in a galette unit (3), and wound into coils (15) in a winding device (14). In order to monitor the process, a plurality of thread breaking sensors (27) are arranged between the galette unit (3) and the winding device (14). Once the threads (1) have been unwound from a last galette (22) of the galette unit (3), they are spread out for feeding into the winding device (14). The aim of the invention is to obtain a high level of integration and a compact structure of the thread breaking sensors (27). To this end, the thread breaking sensors (27) are arranged as a structural unit (26) in a plane in the region of the galette unit (3), in which the threads (1) are guided at a maximum distance of 20 mm from each other.

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