

Title (en)

Process and device for operating a ring spinning or twisting machine with the maximum possible spindle speed.

Title (de)

Verfahren und Vorrichtung zum Betrieb einer Ringspinn- oder Zwirnmachine mit maximal möglicher Spindeldrehzahl.

Title (fr)

Procédé et dispositif pour le fonctionnement d'un métier à filer à anneau ou d'un métier à retordre à anneau à une vitesse de rotation maximum possible de la broche.

Publication

EP 0463529 B1 19941026 (DE)

Application

EP 91109881 A 19910617

Priority

CH 216690 A 19900628

Abstract (en)

[origin: EP0463529A1] The process makes it possible, by detecting the operating temperature, to detect the current state of the spinning-ring/runner combination (4, 5) and to adapt the speed program of the spinning or twisting machine to higher speeds. The operating temperatures are detected by an infrared measurement unit (11), guided past the measuring positions of the spinning stations (1, 1' 1", etc), or by contact thermocouples and are evaluated by a set-point computer (30), thus leading to a control signal for the spindle drive (22). The productivity of the spinning or twisting machine, for example during the run-in operation of runners (5), can thereby be increased. <IMAGE>

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