

Title (en)

Method of spindle actuating control for spinning machine

Title (de)

Verfahren zur Spindelantriebsregelung für eine Spinnmaschine

Title (fr)

Procédé de commande d'entraînement de broches d'une machine textile

Publication

EP 0422420 B1 19960501 (EN)

Application

EP 90118056 A 19900919

Priority

- JP 24464989 A 19890920
- JP 25963589 A 19891004

Abstract (en)

[origin: EP0422420A2] A spindle actuating controller (6) is provided for a spinning machine having a variable speed motor (2) for actuating spindles (1) in order to wind thread around bobbins carried by the spindles. The controller (6) calculates desired speed gradients on the basis of desired spindle rotating speed at various stages in the winding process. The spindle rotating speed is then increased or reduced gradually and not abruptly. Accordingly, the traveler can always run on the ring flange smoothly in a stable posture even when the spindle is rotated at a maximum level of 20000 to 25000 rpm.

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