

Title (en)

Procedure for locking the torsion in long shafts and device which employs said procedure.

Title (de)

Verfahren und Vorrichtung zum Vermindern der Torsion in Walzen grosser Länge.

Title (fr)

Procédé et dispositif pour bloquer la torsion dans les arbres de grande longueur.

Publication

EP 0074932 A1 19830323 (EN)

Application

EP 82830220 A 19820802

Priority

IT 8345481 A 19810902

Abstract (en)

A procedure for locking the torsion of shafts in long spinning frames, said procedure comprising: - start-up of the spinning frame with the device (20) for locking torsion connected up; - the disconnecting of said devices (20) after a pre-set time long enough to cover the initial transient period; - re-connection of the device (20) for a long enough time before the spinning frame is stopped; - the device (20) is kept connected up while the spinning frame remains halted so as to ensure the proper working of said spinning frame when it is next started up again and so as to avoid phase displacement of the cylinders. The invention also concerns the device (20) for carrying out said procedure and for locking the torsion of the shafts in long spinning frames, said device (20) being characterized by including in cooperation and coordination: - transmission means (16) connected rigidly to a powered shaft (10) of the spinning frame. - drivable coupling means (21) connected to said transmission means (16) and cooperating temporarily with at least one other shaft (11) of the spinning frame, and - control means (22) able to operate said drivable coupling means (21) so as to suit the speed of said powered shaft (10).

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- [AD] DE 2722532 A1
- [AD] DE 2930327 A1 19810219 - SCHLAFHORST & CO W
- [AD] DE 94895 C

Cited by

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