

Title (en)

PROCESS FOR CONTROLLING A THREAD FEED SYSTEM AND THREAD FEED SYSTEM

Title (de)

VERFAHREN ZUM STEUERN EINES FADENLIEFERSYSTEMS UND FADENLIEFERSYSTEM

Title (fr)

PROCEDE POUR LA COMMANDE D'UN SYSTEME DE LIVRAISON DU FIL ET SYSTEME DE LIVRAISON DU FIL

Publication

EP 0672204 B1 19980415 (DE)

Application

EP 94901938 A 19931201

Priority

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Abstract (en)

[origin: US5662148A] PCT No. PCT/EP93/03373 Sec. 371 Date Jul. 28, 1995 Sec. 102(e) Date Jul. 28, 1995 PCT Filed Dec. 1, 1993 PCT Pub. No. WO94/12709 PCT Pub. Date Jun. 9, 1994A thread feed system having a measuring feeder, a supply bobbin supplying thread to the measuring feeder and a textile machine which withdraws the thread from the measuring feeder so as to perform a weaving operation. The measuring feeder includes a storage drum and a winding element which removes the thread from the supply bobbin and winds the thread onto the storage drum. A control device is provided for monitoring the operating conditions of the thread system so as to identify increases in thread tension. The control device is operatively connected to an auxiliary conveyor device having a drivable friction roll which is frictionally engaged with the thread between the supply bobbin and the storage drum. The auxiliary conveyor device is operable so as to provide an increased frictional action on the thread so as to advance the thread at an increased rate to the storage drum so as to preparatorily counteract the thread tension increase and eliminate short picks of the thread in the textile machine.

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IPC 8 full level

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US 5662148 A 19970902; CN 1093676 A 19941019; DE 59308414 D1 19980520; EP 0672204 A1 19950920; EP 0672204 B1 19980415; JP H08504004 A 19960430; KR 100307849 B1 20011130; KR 950704556 A 19951120; TW 299366 B 19970301; WO 9412709 A1 19940609

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