

Title (en)

MECHANISM FOR CONTROLLING A THREAD DISPLACEMENT, IN PARTICULAR FOR A TEXTILE MACHINE WORK STATION

Title (de)

FADENVERLEGEANTRIEB, INSBESONDERE FÜR EINE ARBEITSSTELLE EINER TEXTILMASCHINE

Title (fr)

MECANISME DE COMMANDE DE DEPLACEMENT DE FIL, NOTAMMENT POUR POSTE DE TRAVAIL D'UNE MACHINE TEXTILE

Publication

EP 1883597 B1 20101020 (DE)

Application

EP 06761907 A 20060502

Priority

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- DE 102005022448 A 20050514

Abstract (en)

[origin: DE102005022448A1] The thread laying drive, especially for a working station of a textile machine, with a thread guide and an electric motor powered dedicated drive for it, has a controller (4) which comprises a multivariable control system in order to accurately control the actual angular position of the thread guide by means of at least one correcting variable. Input variables into the controller include the predetermined angular position, the corresponding torque, the corresponding angular acceleration, and the corresponding angular speed of the thread guide.

IPC 8 full level

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CPC (source: EP)

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