

Title (en)
THREAD DELIVERY DEVICE WITH AN ADAPTIVE REGULATOR

Title (de)
FADENLIEFERGERÄT MIT ADAPTIVEM REGLER

Title (fr)
DISPOSITIF DE LIVRAISON DE FIL À RÉGULATEUR ADAPTATIF

Publication
EP 2207922 A1 20100721 (DE)

Application
EP 07819283 A 20071024

Priority
EP 2007009230 W 20071024

Abstract (en)
[origin: WO2009052846A1] A thread delivery apparatus (1) for tension-regulated thread feeding has an adaptive regulator for controlling its drive motor (7). The adaptive regulator controls the drive motor (7) according to the thread tension which is detected by means of a thread tension sensor (12). A calibrating module (16) is provided for determining the compliance of the thread (2) in a test and for fixing the regulating parameters of the regulator correspondingly. This relates, in particular, to the D proportion of the regulator, but can also relate to the P proportion and/or the Ü proportion. The thread delivery apparatus is therefore adapted automatically to different use conditions.

IPC 8 full level
D04B 15/48 (2006.01)

CPC (source: EP)
D04B 15/48 (2013.01)

Citation (search report)
See references of WO 2009052846A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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