

Title (en)

MONITORING CONTROL DEVICE WITH REAL TIME DATA SAMPLING FOR MACHINE USED IN THE CABLE INDUSTRY

Title (de)

ÜBERWACHUNGSVORRICHTUNG MIT ECHTZEITDATENABTASTUNG FÜR VERSEILMASCHINE

Title (fr)

DISPOSITIF DE CONTROLE COMMANDE AVEC PRISE D'INFORMATION EN TEMPS REEL POUR UNE MACHINE UTILISEE DANS L'INDUSTRIE DE LA CABLERIE

Publication

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Application

**EP 98902045 A 19980108**

Priority

FR 9800028 W 19980108

Abstract (en)

[origin: WO9935329A1] The invention concerns a monitoring control device (15) with real time data sampling comprising an optical measurement appliance (16), a processing circuit (17) with microprocessor (75), and external control means (20). The microprocessor (75) receives and samples data derived from the optical measurement appliance (16) to ascertain in real time the wire element (4A) position and its behaviour in mechanical vibration before it is wound on the main cable (6A). An EPROM memory (80) is programmed for working out a self-correcting function in case there occurs a drift in the wire element (4A) position and vibration data. The first motor (57M), the second motor (56M), and the mechanical tensioning means are controlled to restore optimum operating conditions of the assembly machine.

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