

Title (en)

An arrangement in an automatic cable winding machine.

Title (de)

Steuereinrichtung für einen automatisierten Kabel-Wickler.

Title (fr)

Dispositif de manoeuvre pour un enrouleur de câble automatique.

Publication

EP 0449076 A1 19911002 (EN)

Application

EP 91104161 A 19910318

Priority

SE 9001179 A 19900330

Abstract (en)

An arrangement for winding and unwinding a cable on and from a drum, respectively, in an automatic winding machine comprising two gripping pins (5) connected to a power means (7) for displacing the pins (5) vertically between a fixed upper winding position and a lower drum gripping position, and a drive wheel (11) operated by a press means and connected to an adjusting means (19) for displacing the wheel to an operating position against the drum flange (8). in order to fully automate the adjustment of the wheel and the regulation of its pressure in accordance with the size and material of the flange (8), a detector (12) is provided for detecting a vertical distance of the pin from the floor plane (9) in the gripping position to determine the flange diameter; and the detector (12) is arranged to influence, on the basis of the detected distance, both the adjusting means (19,20) the wheel (11) to adjust the drive wheel to an operating position corresponding to the flange diameter, and the press means (21) of the rotation apparatus to regulate the pressing of the wheel against the flange with a force corresponding to the flange diameter. <IMAGE>

IPC 1-7

B65H 75/40

IPC 8 full level

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CPC (source: EP KR)

B65H 54/02 (2013.01 - KR); **B65H 54/42** (2013.01 - EP); **B65H 54/553** (2013.01 - EP)

Citation (search report)

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