

Title (en)

Apparatus for winding webs of material.

Title (de)

Apparat zum Aufwickeln von Materialbahnen.

Title (fr)

Appareil pour enrouler des bandes de matière.

Publication

EP 0399370 A1 19901128 (EN)

Application

EP 90109328 A 19900517

Priority

IT 2059989 A 19890523

Abstract (en)

An apparatus, comprising two parallel connecting rods (1) oscillating around a lower horizontal axis (X) and each having a fork (2) at the upper end to accommodate the mandrel (3) of a coil (4) constantly pressed peripherally against a winding roller (5), and a device to regulate the nip pressure between the coil (4) and the winding roller (5), comprising a control unit (6), which processes, according to a pre-determined algorithm, the signals coming from a linear potentiometer (9) that measures the movements of the connecting rods (1) with respect to a reference position, to obtain signals indicative of the actual weight of the coil, which are used to control a hydraulic actuator (7) that regulates the pressure of the connecting rods (1).

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B65H 18/16; **B65H 18/26**

IPC 8 full level

B65H 18/26 (2006.01)

CPC (source: EP)

B65H 18/26 (2013.01); **B65H 2404/43** (2013.01)

Citation (search report)

- [A] DE 3736696 A1 19880929 - WINDMOELLER & HOELSCHER [DE]
- [A] GB 2147279 A 19850509 - REIFENHAEUSER MASCH
- [A] DE 2541945 A1 19770217 - KATAOKA HIROSHI
- [A] PATENT ABSTRACTS OF JAPAN

Cited by

DE10327245A1; CN103213862A; DE20114750U1; US7095190B2; US6427940B1; WO9855385A1

Designated contracting state (EPC)

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