

Title (en)

Clamping device for apparatus for winding and/or unwinding webs of materials.

Title (de)

Spannvorrichtung an einer Einrichtung zum Auf- und/oder Abwickeln flächiger Materialbahnen.

Title (fr)

Dispositif de serrage pour appareil à enrouler et/ou dérouler des matériaux plats en bande.

Publication

EP 0413890 B1 19931110 (DE)

Application

EP 90104392 A 19900308

Priority

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- CH 305489 A 19890822

Abstract (en)

[origin: EP0413890A1] In an apparatus for winding and/or unwinding flat material webs onto and/or from a core member mounted rotatably about its longitudinal axis, a clamping device is mounted on each of two support units which are arranged at a distance from one another and are adjustable in the axial direction, each clamping device preferably being assigned a correspondingly designed and arranged pressure-monitoring device. A preferred exemplary embodiment of the clamping device (210, 210') comprises essentially a holding member (215) with cylindrical housing (220) formed on, and a piston element (240) which is in work connection with a cylindrical core (225) and is arranged in a chamber (245") formed from a cylindrical distance piece (245) and two lateral closure plates (250, 260). The piston element (240) can be acted upon, on one side or the other according to direction of movement, by a pressure source, via correspondingly arranged and designed duct systems (201 and 202, 203, 204, 205), for an axial push or pull movement. By means of the axial push or pull movement of the cylindrical core (229) in work connection with the piston element (240), correspondingly arranged clamping elements (230) in the cylindrical housing (220) are moved radially outwards or inwards and brought into or out of engagement with the core member for fastening. <IMAGE>

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Cited by

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