

Title (en)
AXIAL BEARING FOR A SPOOLING ROLLER

Title (de)
ACHSLAGER FÜR EINE BANDEROLENROLLE

Title (fr)
PALIER POUR UN ROULEAU DE BANDEROLE

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Application
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Abstract (en)
[origin: WO2005070766A1] The invention relates to an axial bearing (11), for a spooling roller (20) on a spooling machine (10), with a shaft (62), fixed to a machine frame (16), or to a machine chassis, a fixed rear cover disc (68), a hub (64) freely rotating about the shaft (62) and a flange (74), arranged on the free front face (96) of the shaft (62) with a front cover disc (18). At least one stud (84) chamfers in the radial direction, away from the shaft (62) in the region of the flange (74), engaging in but without projecting beyond a guide slot (78) of a bayonet sleeve (76), detachably connected to the flange (74). Said open guide slot (78), on the front face, rises up to an arched peak (118), turns away from the front face (80) of the bayonet sleeve (76) at a separation (a) and runs towards the front face (80) with a blind terminus. A pressure spring (88), tensioned on the shaft (62), is arranged between a shaft mounting (90) and the hub (64), which presses the roller core (70) with the spooling roller (20), over the hub (64), in the axial direction on the flange (74) and forms therewith a rapid closure with the centered spooling roller (20). The separation (a) corresponds to the separation of the roller core (70), or the mounted but not yet pressurised spooling roller (20), from the rear cover disc (68).

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