

Title (en)
AXIAL BEARING FOR A SPOOLING ROLLER

Title (de)
ACHSLAGER FÜR EINE BANDEROLENROLLE

Title (fr)
PALIER POUR UN ROULEAU DE BANDEROLE

Publication
EP 1706318 B1 20071003 (DE)

Application
EP 05700323 A 20050119

Priority
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• CH 762004 A 20040121

Abstract (en)
[origin: US7475845B2] An axial bearing, for a spooling roller on a spooling machine, with a shaft fixed to a machine frame, or to a machine chassis, a fixed rear cover disc, a hub freely rotating about the shaft and a flange, arranged on the free front face of the shaft with a front cover disc. At least one stud chamfers in the radial direction, away from the shaft in the region of the flange, engaging in but without projecting beyond a guide slot of a bayonet sleeve, detachably connected to the flange. The open guide slot, on the front face, rises up to an arched peak, turns away from the front face of the bayonet sleeve at a separation and runs toward the front face with a blind terminus. A pressure spring, tensioned on the shaft, is arranged between a shaft mounting and the hub, which presses the roller core with the spooling roller, over the hub, in the axial direction on the flange and forms therewith a rapid closure with the centered spooling roller. The separation (a) corresponds to the separating of the roller core, or the mounted but not yet pressurized spooling roller, from the rear cover disc.

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