

Title (en)
ACTUATOR HAVING A PLANETARY ROLLER SPINDLE (PWG)

Title (de)
AKTUATOR MIT PLANETENWÄLZGEWINDESPINDEL (PWG)

Title (fr)
ACTIONNEUR COMPRENANT UNE VIS À ROULEAUX PLANÉTAIRES (PWG)

Publication
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Application
EP 14827166 A 20141128

Priority

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Abstract (en)
[origin: WO2015081951A1] The invention relates to an actuator having a planetary roller spindle (PWG), in particular for actuating a clutch of a vehicle, wherein a central spindle having a pitch is rotationally coupled to a rotor of a drive and can be driven by the drive about a rotation axis, and a plurality of planetary rollers are engaged with the spindle and mesh with a ring gear encircling the planetary rollers, said ring gear having grooves in the circumferential direction, wherein the planetary rollers are positioned on both ends in a planetary roller carrier. According to the invention the planetary roller carriers are supported on both ends in a rotationally fixed manner such that the pitch of the spindle can be unambiguously associated with an axial stroke of a component that is axially movable by means of the planetary roller spindle and that is operatively connected to an axially movable piston.

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