

Title (en)
PLANETARY ROLLER SCREW AND ACTUATOR FOR STEERING A REAR AXLE OF A MOTOR VEHICLE COMPRISING SUCH A PLANETARY ROLLER SCREW

Title (de)
PLANETENWÄLZGEWINDETRIEB UND AKTUATOR FÜR EINE HINTERACHSLENKUNG EINES KRAFTFAHRZEUGES MIT EINEM DERARTIGEN PLANETENWÄLZGEWINDETRIEB

Title (fr)
VIS D'ENTRAÎNEMENT À ROULEMENT PLANÉTAIRE ET ACTIONNEUR POUR UNE DIRECTION D'ESSIEU ARRIÈRE D'UN VÉHICULE À MOTEUR ÉQUIPÉ D'UNE TELLE VIS D'ENTRAÎNEMENT À ROULEMENT PLANÉTAIRE

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Abstract (en)
[origin: WO2020164654A1] The invention relates to a planetary roller screw, comprising a threaded spindle (1), a nut element (20) which is located on the threaded spindle (1) and which has a nut (2) formed from nut parts (3) arranged one behind the other along the threaded spindle (1), and planets (4) which are distributed around the periphery of the threaded spindle (1) and which mesh, on one side, with the threaded spindle (1) and on the other side with the nut (2), wherein the nut element (20) is provided with a tensioning element (11) which axially prestresses the nut (2). The nut parts (3) are axially prestressed towards each other and mutually supported by means of the tensioning element (11).

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