

Title (en)

TRIPOD ROLLER FOR A CONSTANT VELOCITY UNIVERSAL JOINT WITH SECURING REGION, CONSTANT VELOCITY UNIVERSAL JOINT WITH THE TRIPOD ROLLER, AND METHOD FOR ASSEMBLING THE TRIPOD ROLLER

Title (de)

TRIPODENROLLE FÜR EIN GLEICHLAUFGELENK MIT SICHERUNGSBEREICH, GLEICHLAUFGELENK MIT DER TRIPODENROLLE SOWIE VERFAHREN ZUM MONTIEREN DER TRIPODENROLLE

Title (fr)

GALET TRIPODE POUR UN JOINT HOMOCINÉTIQUE AVEC ZONE DE SÉCURITÉ, JOINT HOMOCINÉTIQUE AVEC LE GALET TRIPODE ET PROCÉDÉ DE MONTAGE DU GALET TRIPODE

Publication

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Application

**EP 17779996 A 20170922**

Priority

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Abstract (en)

[origin: WO2018065006A1] Constant velocity universal joints are joints for transmitting an angular speed and a torque in a constant manner from one shaft to another shaft attached thereto at an angle. For example, constant velocity universal joints are used to transmit a drive torque from a motor to the wheels of a steered axle of a vehicle. The invention relates to a tripod roller (9) for a constant velocity universal joint (1), comprising an inner ring (11) and an outer ring (12) as rings, said rings (11, 12) being arranged coaxially to a tripod roller axis T, and a plurality of rollers (13), said rollers (13) being arranged so as to roll between the rings (11, 12). At least one of the rings (11, 12), in the form of a securing ring, has a securing region (24; 24a, b), wherein the securing region (24; 24a, b) is designed as an embossed region and/or caulked region, said securing region (24; 24a, b) axially securing the other ring (12, 11) or at least one of the rollers (13) in a form-fitting manner as a securing partner.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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