Title (en)
ROLLER FOR A POD JOINT

Title (de)
LAUFROLLE FÜR EIN PODEGELENK

Title (fr)
GALET DE ROULEMENT POUR JOINT MULTIPODE

Publication
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Application
EP 17706666 A 20170203

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Abstract (en)

[origin: WO2017133733A1] The problem addressed by the invention is that of simplifying the assembly of tripod joints. This problem is solved by means of a roller (9) for a pod joint (1), comprising an inner ring device (11) for holding a journal (8) of shaft stump section (7), an outer ring device (12), wherein a raceway (15) for running on a bell section (10) is arranged on the outside of the outer ring device (12), a plurality of rolling elements (17), wherein the rolling elements (17) are arranged between the inner ring device (11) and the outer ring device (12), wherein the rolling elements (17) are designed as rollers, and a cage device (18), wherein the rolling elements (17) are arranged in the cage device (18), wherein the cage device (18) is designed as a central cage, wherein the rollers are guided in a central region by the central cage and freely protrude from both sides of the central cage in running regions.

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