

Title (en)

CAGE SEGMENT OF A TAPERED ROLLER BEARING AND TAPERED ROLLER BEARING

Title (de)

KÄFIGSEGMENT EINES KEGELROLLENLAGERS UND KEGELROLLENLAGER

Title (fr)

SEGMENT DE CAGE D'UN ROULEMENT À ROULEAUX CONIQUES ET ROULEMENT À ROULEAUX CONIQUES

Publication

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Application

**EP 13719288 A 20130422**

Priority

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Abstract (en)

[origin: WO2013167363A1] The invention relates to a cage segment (7) of a tapered roller bearing for the rotatable mounting of a first machine part (8) relative to a second machine part (9). The cage segment (7) according to the invention has two opposing peripheral webs (10) which extend respectively between a first peripheral end (13) and a second peripheral end (14) of the cage segment (7), and has at least two opposing connection webs (11) which connect the two peripheral webs (10) to each other and, together with the peripheral webs (10), form at least one pocket (12) for receiving a conical roller body (6). The peripheral webs (10) and the connection webs (11) have pocket sides which define the pocket (12). The peripheral webs (10) and the connection webs (11) arranged in the region of the first peripheral end (13) and of the second peripheral end (14) have surrounding sides opposite the pocket sides. The cage segment (7) has a first positioning aid (23) in the region of the first peripheral end (13) and a second positioning aid (24) in the region of the second peripheral end (14). The first positioning aid (23) and the second positioning aid (24) are arranged relative to each other in such a way that it is possible to identify whether adjoining cage segments (7) are arranged in the correct position relative to each other in the tapered roller bearing from the cooperation of the first positioning aid (23) with the second positioning aid (24) of these cage segments (7).

IPC 8 full level

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