

Title (en)
TOOTHING ARRANGEMENT

Title (de)
VERZÄHNUNGSANORDNUNG

Title (fr)
ENSEMBLE FORMANT DENTURE

Publication
EP 3728900 A1 20201028 (DE)

Application
EP 18808253 A 20181116

Priority
• DE 102017223019 A 20171218
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Abstract (en)
[origin: WO2019120799A1] A tothing arrangement (1) is proposed, comprising at least one first helically toothed spur gear (3) and one second helically toothed spur gear (4) which form a common running tothing, and at least one thrust collar (7) with two raceways (8, 9) for axial force compensation on both sides in the region of the running tothing, wherein the ring-shaped thrust collar (7) is designed with an internal tothing (10) which, in the assembled state, is supported in an encircling groove (11) which interrupts the tothing (5) of the first spur gear (3), wherein the thrust collar (7) is assigned at least one rotation prevention means, wherein the rotation prevention means is designed such that the rotation prevention means is movable from a radially inner region to a radially outer region of the first spur gear (3) into the blocking position. A transmission having the tothing arrangement is also proposed.

IPC 8 full level
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CPC (source: EP US)
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F16H 57/02004 (2013.01 - EP); **F16H 57/02004** (2013.01 - US); **F16H 57/08** (2013.01 - US)

Citation (search report)
See references of WO 2019120799A1

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Designated extension state (EPC)
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