

Title (en)
DEVICE FOR TRANSMITTING A TORQUE

Title (de)
VORRICHTUNG ZUM FÜHREN EINES DREHMOMENTES

Title (fr)
DISPOSITIF DE GUIDAGE D'UN COUPLE DE ROTATION

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Application
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Abstract (en)
[origin: WO2008046735A2] The invention relates to a device (1) for transmitting a torque from a first shaft (2) to a second shaft (3) of a transmission device, in particular a countershaft transmission, comprising a first gear wheel (5) which is rotatably mounted on the first shaft (2) via a bearing device (4) and, in the mounted state, engages with a second gear wheel (6) arranged on the second shaft (3). The first gear wheel (5) can be transferred into a switched-on state, where the first gear wheel (5) is connected to the first shaft (2) in a rotationally fixed manner. According to the invention, a support device (18) is allocated to the first gear wheel (5) near the bearing device (4), via which tilting moments which act upon the first gear wheel (5) at least in the switched-on state can be introduced into the first shaft (2) and supported.

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