

Title (en)

TORQUE TRANSMISSION DEVICE AND INSTALLATION METHOD

Title (de)

DREHMOMENTÜBERTRAGUNGSVORRICHTUNG UND VERFAHREN ZUR MONTAGE

Title (fr)

DISPOSITIF DE TRANSMISSION DE COUPLE ET PROCÉDÉ D'INSTALLATION

Publication

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Application

**EP 21724563 A 20210429**

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Abstract (en)

[origin: WO2021254555A1] The invention relates to a torque transmission device (10) for transmitting a torque between a first drive element (12) and an output element (14), having a torsional vibration damper (16) with a damper input (22) which can be rotated about a rotational axis (20), at least one spring element (34), and a damper output (38) which can be rotated relative to the damper input (22) to a limited degree against the effect of the spring element (34); a centrifugal pendulum (62) with a pendulum mass support (64) and at least one pendulum mass (66) which is arranged thereon in a deflectable manner to a limited degree along a pendulum path; and a separating clutch (70) which is integrated into the torsional vibration damper (16) and which comprises a clutch input (72) that can be rotated about the rotational axis (20) and a clutch output (76) that can be connected to the clutch input in a frictionally locking manner via a friction area (74) with at least one clutch plate (80) on the basis of an actuation force of an axially movable actuation element (96) of an actuation device (94), wherein the separating clutch (70) is arranged radially within and so as to at least partly axially overlap with the centrifugal pendulum (62). The invention additionally relates to a method (118) for installing such a torque transmission device (10).

IPC 8 full level

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