

Title (en)

VIBRATION ISOLATION DEVICE FOR A WET DUAL CLUTCH WITH VIBRATION ISOLATION DEVICE IN THE WET SPACE

Title (de)

SCHWINGUNGSISOLATIONSEINRICHTUNG FÜR EINE NASSE DOPPELKUPPLUNG MIT SCHWINGUNGSISOLATIONSVORRICHTUNG IM NASSRAUM

Title (fr)

DISPOSITIF D'ISOLATION DE VIBRATIONS POUR UN EMBRAYAGE DOUBLE HUMIDE COMPORTANT UN DISPOSITIF D'ISOLATION DE VIBRATIONS EN CHAMBRE HUMIDE

Publication

EP 2932129 A1 20151021 (DE)

Application

EP 13828779 A 20131205

Priority

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Abstract (en)

[origin: WO2014094765A1] A dual clutch with a vibration isolation device in the wet space (4) comprising at least the following components: - an input shaft (36); - a first output shaft (11) and a second output shaft (12); - and in the wet space (4), a first friction package (13) for separable connection of the input shaft to the first output shaft and a second friction package (14) for the separable connection of the input shaft to the second output shaft, - a plurality of vibration isolation devices (1,2) comprising at least one damper (6,7) and at least one centrifugal pendulum (8,9) which can be arranged in the wet space, wherein a first vibration isolation device (1,2) is arranged on the first friction package (13) and a second vibration isolation device (1,2) is arranged on the second friction package (14). Using the dual clutch proposed here, it is possible to connect a dual clutch directly to an output shaft of a drive unit without an external damper system. Consequently, this also makes it possible to use dual clutches particularly in small vehicles.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2014094765A1

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