

Title (en)

DRIVE TRAIN, IN PARTICULAR HYBRID DRIVE TRAIN FOR A MOTOR VEHICLE

Title (de)

ANTRIEBSSTRANG, INSbesondere HYBRIDANTRIEBSSTRANG FÜR EIN KRAFTFAHRZEUG

Title (fr)

GROUPE MOTOPROPULSEUR, EN PARTICULIER GROUPE MOTOPROPULSEUR HYBRIDE POUR UN VÉHICULE À MOTEUR

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Application

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Abstract (en)

[origin: WO2018077687A1] The invention relates to a drive train (1), in particular a hybrid drive train (1a) for a motor vehicle, comprising at least one electric machine (2), wherein the electric machine (2) is provided and/or arranged in the region of an output (4), in particular in the region of a differential (4a), wherein the electric machine (2) is and/or can be connected to the output (4), in particular to a drive gear of the differential (4a) and/or to the differential housing, in a functionally effective manner, wherein at least one planetary gearbox (3) is provided for transferring torques from the electric machine (2) to the output (4) (or vice versa), wherein the planetary gearbox (3) has a planetary gearbox housing (3a) and a first and a second planetary gearbox stage (I, II) each having components, specifically wherein the first planetary gearbox stage (I) has at least one first sun gear (5), at least one first planet gear (6) and at least one first ring gear (7) and/or wherein the second planetary gearbox stage (II) has at least one second sun gear (8), at least one second planet gear (9), and at least one second ring gear (10). The design complexity and assembly complexity is reduced in that the first ring gear (7) and the second ring gear (10) are each designed as a separate ring gear (7, 10), wherein the first and second ring gears (7, 10) are arranged and/or provided at a distance from each other in such a way that a stationary bearing shield (11) is arranged and/or provided so as to extend at least partly between the first and the second ring gears (7, 10) in the direction of the interior (3b) of the planetary gearbox housing (3a), and wherein components of the first and/or of the second planetary gearbox stages (I, II) are at least partly supported by means of the bearing shield (11).

IPC 8 full level

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