

Title (en)
BEARING FOR A HYBRID MODULE

Title (de)
LAGERUNG FÜR EIN HYBRIDMODUL

Title (fr)
PALIER CONÇU POUR UN MODULE HYBRIDE

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Abstract (en)
[origin: WO2019197251A1] The invention relates to a hybrid module comprising a damper hub (3) which is connected to an internal combustion engine, a housing (1), a clutch (11), an electric machine (2) which has a rotor (2.2) and a stator (2.1) connected to the housing (1), a torque converter (5) which has a converter housing (5.1) connected to a central hub (4) and which has a turbine shaft (5.2), and an output shaft (6). The rotor (2.2) of the electric machine (2) is connected to the central hub (4), the converter housing (5.1), or the damper hub (3), and the turbine shaft (5.2) is rotationally fixed to the output shaft (6). The clutch (11) is arranged between the damper hub (3) and the torque converter (5), and the damper hub (3) is connected to the internal combustion engine via a vibration damper (12). The invention is characterized in that a front bearing (8.1; 16) of the damper hub (3) is designed to be supported in a radial direction, and the front bearing (8.1; 16) is arranged so as to at least partly overlap with the vibration damper (12).

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