Title (en)

A HYBRID DRIVE MODULE, AND A METHOD FOR IMPROVING PERFORMANCE OF SUCH HYBRID DRIVE MODULE

Title (de)

HYBRIDES ANTRIEBSMODUL UND VERFAHREN ZUR LEISTUNGSVERBESSERUNG EINES SOLCHEN HYBRIDEN ANTRIEBSMODULS

Title (fr)

MODULE D'ENTRAÎNEMENT HYBRIDE ET PROCÉDÉ POUR AMÉLIORER LES PERFORMANCES D'UN TEL MODULE D'ENTRAÎNEMENT HYBRIDE

Publication

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Application

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Abstract (en)

[origin: WO2020079265A1] A method for reducing acceleration variations of an output shaft (102) of a hybrid drive module (100), said hybrid drive module (100) comprising an electrical motor (110) being connected to the output shaft (102), wherein a crankshaft (22) of an associated internal combustion engine (20) is connected to an input shaft (101) of the hybrid drive module, and wherein the input shaft (101) is connected to the output shaft (102) via a dual mass flywheel (140) and a first clutch (130), said method comprising the steps of: - determining (202) the actual acceleration of the output shaft (102), - determining (204) the torque required to at least to some extent reduce said actual acceleration, and - applying (206) said determined torque to said output shaft (102) by activating the electrical motor (110).

IPC 8 full level

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