

Title (en)

METHOD FOR OPERATING AN ELECTRIC POWERTRAIN FOR A WORKING MACHINE, ELECTRIC POWERTRAIN FOR A WORKING MACHINE, AND WORKING MACHINE

Title (de)

VERFAHREN ZUM BETREIBEN EINES ELEKTRISCHEN ANTRIEBSSTRANGS EINER ARBEITSMASCHINE, ELEKTRISCHER ANTRIEBSSTRANG FÜR EINE ARBEITSMASCHINE UND ARBEITSMASCHINE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN GROUPE MOTOPROPULSEUR ÉLECTRIQUE D'UN ENGIN DE TRAVAIL, GROUPE MOTOPROPULSEUR ÉLECTRIQUE POUR UN ENGIN DE TRAVAIL ET ENGIN DE TRAVAIL

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Application

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Priority

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Abstract (en)

[origin: WO2021259703A1] The invention relates to a method for operating an electric powertrain (11) for a working machine (10), the powertrain (11) comprising a working drive (20) with a hydraulic working device (22) and an electric drive motor (21) as well as a drive system (30) with an electric drive motor (31), wherein the operation of the working drive (20) is carried out (100) independently from an operation of the drive system (30). The method according to the invention is characterized in that a power requested from the working drive (20) is provided (100,106) taking into account an efficiency of the drive motor (21) and an efficiency of the working device (22). The invention further relates to a corresponding electric powertrain (11) and a corresponding working machine (10).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2021259703A1

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