

Title (en)
ASCERTAINING FREEWHEEL PHASES OF AN ELECTRIC MACHINE COUPLED TO AN INTERNAL COMBUSTION ENGINE BY A FREEWHEEL

Title (de)
ERMITTELN VON FREILAUFPHASEN EINER MIT EINEM FREILAUF AN EINE BRENNKRAFTMASCHINE GEKOPPELTEN ELEKTRISCHEN MASCHINE

Title (fr)
DÉTERMINATION DE PHASES DE ROUE LIBRE D'UNE MACHINE ÉLECTRIQUE COUPLÉE À UN MOTEUR À COMBUSTION INTERNE AU MOYEN D'UNE ROUE LIBRE

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Abstract (en)
[origin: WO2017198381A1] The invention relates to a method for ascertaining freewheel phases (PhFI) of an electric machine (114) coupled to an internal combustion engine (112) by a freewheel (111), having the steps of detecting a time curve of a phase signal (121) of the electric machine (114), ascertaining a time curve of at least one rotational speed (n) from the phase signal (121), and ascertaining at least one freewheel phase (PhFI) of the electric machine (114) from the rotational speed (n) using a first criterion (K1) and a second criterion (K2). The invention additionally relates to a corresponding computing unit (118) which is designed to carry out the method and to a corresponding computer program.

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