Title (en)

METHOD FOR CONTROLLING A HYDRODYNAMIC MACHINE AND HYDRODYNAMIC MACHINE

Title (de)

VERFAHREN ZUM ANSTEUERN EINER HYDRODYNAMISCHEN MASCHINE UND HYDRODYNAMISCHE MASCHINE

Title (fr)

PROCÉDÉ POUR COMMANDER UNE MACHINE HYDRODYNAMIQUE ET MACHINE HYDRODYNAMIQUE

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Application

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Abstract (en)

[origin: WO2020143938A1] The invention relates to a method for controlling a hydrodynamic machine, which has a bladed primary wheel and a bladed secondary wheel, which together form a working chamber, which can be filled with working medium from a working medium reservoir in a working medium reservoir container, in order to transfer drive power hydrodynamically from the primary wheel to the secondary wheel by forming a work medium circuit in the working chamber; wherein a control pressure is applied to the working medium reservoir in order to force the working medium out of the working medium reservoir into the working chamber. The method according to the invention is characterized in that, when applying the control pressure to the working medium reservoir, a pressure rise in the working medium reservoir container is at least indirectly detected and, depending on the detected pressure rise, a fill level of the working medium reservoir in the working medium reservoir container is determined.

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