

Title (en)
METHOD AND COMPUTER PROGRAM FOR REGULATING A DRIVE

Title (de)
VERFAHREN UND COMPUTERPROGRAMM ZUM REGELN EINES ANTRIEBS

Title (fr)
PROCÉDÉ ET PROGRAMME INFORMATIQUE POUR RÉGULER UN MÉCANISME D'ENTRAÎNEMENT

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Application
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Abstract (en)
[origin: WO2007121846A1] The invention relates to a method for regulating a drive (1) having a drive machine (2) and a hydrostatic gearing (3) with an adjustable hydraulic pump (4) and an adjustable hydraulic motor (5). The adjustable hydraulic pump and the adjustable hydraulic motor are connected to one another in a hydrostatic circuit. An operating point of the drive machine (2) is initially determined in a characteristic map of the drive machine (2). A transmission ratio (i_{hydr}) of the hydrostatic gearing (3) is additionally defined during the determination of the operating point. An optimum feed volume for the hydraulic pump (4) and an optimum suction volume for the hydraulic motor (5) is determined from said transmission ratio (i_{hydr}).

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