

Title (en)
METHOD OF ADJUSTING A HYDROSTATIC TRACTION SYSTEM

Title (de)
VERFAHREN ZUR EINSTELLUNG EINES HYDROSTATISCHEN FAHRSYSTEMS

Title (fr)
PROCÉDÉ DE RÉGLAGE D'UN SYSTÈME DE TRACTION HYDROSTATIQUE

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Application
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Abstract (en)
The present invention relates to a method for adjusting a hydrostatic drive system of a mobile work machine, wherein said hydrostatic drive system comprises a drive motor and a hydraulic pump (12), the rotation of which is ensured by said drive motor, and at least one hydraulic motor (3) connected in a closed circuit to said hydraulic pump (12), wherein said hydraulic pump (12) has an adjustment unit (16) for adjusting the displacement of said hydraulic pump (12), wherein said displacement is adjustable by adjusting an angle of inclination (α_{pmp}) of an inclined element (2), said method being characterized by comprising the following steps: a. Receive an information regarding a desired speed (v_{T}) of said mobile work machine; b. Determine (100) a minimum number of revolutions (n_{MIN}) of said drive motor capable of enabling said mobile work machine to reach said desired speed (v_{T}); c. Adjust (104) said drive motor taking into consideration said calculated minimum number of revolutions (n_{MIN}). d. .

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Citation (search report)
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