Title (en)
METHOD FOR REGULATING ESPECIALLY THE PIVOTING DEVICE OF A MOBILE MACHINE

Title (de)
VERFAHREN ZUR REGELUNG INSBESONDERE DER SCHWENKEINRICHTUNG EINER MOBILEN ARBEITSMASCHINE

Title (fr)
PROCEDE POUR REGULER NOTAMMENT LE DISPOSITIF DE PIVOTEMENT D'UN ENGIN MOBILE

Publication
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Application
**EP 99925003 A 19990518**

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Abstract (en)
[origin: DE19824319A1] The invention relates to a method for regulating especially the pivoting device of a mobile machine, especially a construction machine such as a hydraulic excavator or similar. A hydraulic pump (3) functioning in a closed circuit (5), especially a pivot circuit (5), is driven by at least one driving motor (1), especially a diesel motor (1). Said hydraulic pump (3) feeds at least one hydraulic motor (4) whose energy is transmitted to a mass (7) to be sped up or slowed down, especially a live ring of a revolving superstructure interacting with the working devices, by means of a downstream, especially mechanical gear (6). A set value-actual value comparison of the nominal and limit number of revolutions of the driving motor (1) is carried out especially when the mass (7) is being slowed down and in the event that a predetermined number of revolutions is exceeded, especially the limit number of revolutions of the driving motor (1), the braking pressure in the closed circuit (5), especially the pivot circuit (5), is reduced.

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