

Title (en)

DEVICE AND METHOD FOR CONTROLLING THE POSITION FOR WORKING DEVICES OF MOBILE MACHINES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR LAGEREGLUNG FÜR ARBEITSEINRICHTUNGEN MOBILER ARBEITSMASCHINEN

Title (fr)

DISPOSITIF ET PROCEDE POUR REGULER LA POSITION D'ENSEMBLES DE TRAVAIL SUR DES EQUIPEMENTS DE TRAVAIL MOBILES

Publication

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Application

**EP 00991646 A 20001228**

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Abstract (en)

[origin: WO0151717A1] The invention relates to a device for controlling the position for work devices (41) of mobile machines (40). The inventive device comprises a measuring device (1, 2) for measuring an angle (  $\alpha$  ) which is formed between a level (42) that is determined by the position of the work device (41) and the direction of the gravitational force (g). The inventive device also comprises an angle transmitter (5) for predetermining an angle (  $\alpha'$  ) which is formed between a level (42) that is determined by the position of the work device (41) and the direction of the gravitational force (g). The inventive device further comprises a controller (3, 4, 6-16) for controlling the angle (  $\alpha$  ) between the level (42) of the work device (41) and the direction of the gravitational force (g) in such a way that the measured angle (  $\alpha$  ) matches the predetermined angle (  $\alpha'$  ).

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