

Title (en)

UNBALANCE MEASURING DEVICE, PROCESSING DEVICE AND METHOD FOR PROCESSING A WORKPIECE

Title (de)

UNWUCHTMESSEINRICHTUNG, BEARBEITUNGSEINRICHTUNG, SOWIE VERFAHREN ZUR BEARBEITUNG EINES WERKSTÜCKS

Title (fr)

DISPOSITIF DE MESURE DE DÉFAUT D'ÉQUILIBRAGE, DISPOSITIF D'USINAGE ET PROCÉDÉ D'USINAGE D'UNE PIÈCE

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Abstract (en)

[origin: WO2023006842A2] The present invention relates to an unbalance measuring device (U), comprising two spaced-apart workpiece receiving devices (1, 2) for rotatably receiving a workpiece (W) of which the unbalance is to be measured, and at least one sensor (3) for detecting an oscillation of the workpiece (W) during the rotation, wherein the workpiece receiving devices (1, 2) each have a connection device (11 or 21) for positionally fixed fastening, and a workpiece receptacle (13 or 23) for rotationally receiving a workpiece portion, wherein in each case a spring device (12 or 22) is arranged between the connection devices (11 or 21) and the workpiece receptacles (13 or 23), to a processing device for a workpiece (W) having an unbalance measuring device (U) according to the invention, to a method for processing and for balancing a workpiece (W) by means of a processing device, to a workpiece and to a method for producing a reference surface on a workpiece.

IPC 8 full level

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