

Title (en)

DRIVE DEVICE FOR A MACHINE TOOL, MACHINE TOOL, AND METHOD FOR OPERATING A MACHINE TOOL

Title (de)

ANTRIEBSVORRICHTUNG FÜR EINE WERKZEUGMASCHINE, WERKZEUGMASCHINE UND VERFAHREN ZUM BETREIBEN EINER WERKZEUGMASCHINE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR UNE MACHINE-OUTIL, MACHINE-OUTIL ET PROCÉDÉ POUR FAIRE FONCTIONNER UNE MACHINE-OUTIL

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Abstract (en)

[origin: WO2022248008A1] The invention relates to a drive device (10) for a machine tool (100), for example, a punching machine tool, the machine tool (100) thereof, and a method for operating the machine tool (100). The drive device (10) comprises a wedge unit (20) adapted for translating movement provided by a drive unit (15) of the machine tool (100) in a first direction (X) to a movement of a ram connection portion (60) of the machine tool (100) in a second direction (Z), wherein the second direction (Z) differs from the first direction (X), wherein the wedge unit (20) defines a guide angle (21) determining a relation between a movement distance in the first direction (X) and a movement distance in the second direction (Z). Furthermore, the guide angle (21) is arranged to be adjustable.

IPC 8 full level

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