

Title (en)

TRANSMISSION ARRANGEMENT AND METHOD FOR TRANSMITTING ENERGY AND SIGNALS BETWEEN A CONTROL UNIT OF A MACHINE TOOL AND ELECTRONIC COMPONENTS

Title (de)

ÜBERTRAGUNGSANORDNUNG UND VERFAHREN ZUM ÜBERTRAGEN VON ENERGIE UND SIGNALEN ZWISCHEN EINER STEUEREINHEIT EINER WERKZEUGMASCHINE UND ELEKTRONISCHEN KOMPONENTEN

Title (fr)

SYSTÈME DE TRANSMISSION ET PROCÉDÉ DE TRANSMISSION D'ÉNERGIE ET DE SIGNAUX ENTRE UNE UNITÉ DE COMMANDE D'UNE MACHINE-OUTIL ET DES COMPOSANTS ÉLECTRONIQUES

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Application

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Abstract (en)

[origin: WO2021018408A1] The invention relates to a transmission arrangement for energy and/or signal transmission between a control unit of a machine tool and at least one electronic component, in particular for use in a machining center or a turning and/or milling center, comprising: - a first (103) and a second (104) transmission unit, - a first element (101) and a second element (102), wherein the second element (102) is mounted rotatably relative to the first element (101), wherein the first element (101) is connected for signal and/or energy transmission to the control unit, the first transmission unit (103) being designed to transmit signals and/or energy between the first element (101) and the second element (102), the second transmission unit (104) being designed to transmit signals and/or energy between the second element (102) and a pallet (106), which is detachably fastened to a pallet receptacle (105) of the machine tool, the at least one electronic component being connected to the pallet for signal and/or energy transmission.

IPC 8 full level

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