Title (en)

DRIVE DEVICE, DRIVE MOTOR AND METHOD FOR DRIVING A SPINDLE

Title (de)

ANTRIEBSVORRICHTUNG, ANTRIEBSMOTOR UND VERFAHREN ZUM ANTREIBEN EINER SPINDEL

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT, MOTEUR D'ENTRAÎNEMENT ET PROCÉDÉ D'ENTRAÎNEMENT D'UNE BROCHE

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Abstract (en)

[origin: WO2022248711A1] The invention relates to a drive device (1) for driving a spindle (90) having a spindle axis (A90) which is accommodated in a spindle compartment (39) extending along a spindle compartment longitudinal axis, said drive device (2) comprising: a first actuator device (10, 210) and a second actuator device (20, 220) which is reversibly variable when activated along a first actuator axis L1 or a second actuator axis L2; an operating device (40, 140, 240); and a frame device (30, 130, 230). The assembly comprising the frame device (30, 130, 230) and the operating device (40, 140, 240) has at least two bearing surface portions (51, 52, 151, 152, 254, 264) which are provided for contact with two different contact points (91, 92) of the spindle (90) in order to set the spindle (90) in rotation. The frame device (30, 130, 230) is designed as a structurally continuous component which completely surrounds the spindle compartment (39), the first actuator device (10) and the second actuator device (20). The invention also relates to a drive motor and a method for driving a spindle (90).

IPC 8 full level

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