

Title (en)

MACHINE CHISEL, RETAINING DEVICE, REMOVING SYSTEM AND METHOD

Title (de)

MASCHINENMEIßEL, HALTEVORRICHTUNG, ABTRAGSYSTEM UND VERFAHREN

Title (fr)

BURIN DE MACHINE, DISPOSITIF DE RETENUE, SYSTÈME D'ENLÈVEMENT ET PROCÉDÉ

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Abstract (en)

[origin: WO2023061924A1] The invention relates to a machine chisel (100), a retaining device (300), a removing system (600) and a method. The machine chisel (100) can comprise: a chisel tip (102); a shank (104), which extends away from the chisel tip along a longitudinal axis (107) of the machine chisel; and a reference body (106), which has at least one scale (112) which is made of a magnetisable material and can be detected by sensors, the reference body, the shank and the chisel tip being rigidly connected to one another. The retaining device (300) can comprise: a chisel holder (302) having an opening (316) to receive a machine chisel; a locking device (202, 402) which is designed to make a form fit with the machine chisel received in the opening, thereby limiting movement of the machine chisel; a receiving region (320) to receive a portion of the machine chisel, the accommodating region being exposed relative to the opening; and at least one sensor (306), which is disposed on the receiving region and is designed to contactlessly detect the portion extending into the receiving region, and/or the reference body (106) being designed to be connected to the shank (104) with a form fit.

IPC 8 full level

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