

Title (en)
MILLING BOX UNIT

Title (de)
FRÄSWALZENKASTENEINHEIT

Title (fr)
UNITÉ MODULAIRE DE FRAISE

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Abstract (en)
[origin: US2022316334A1] The present invention relates to a milling drum box unit, in particular a quick-change milling drum box unit, for mounting to a self-propelled base machine to obtain a ground milling machine, the milling drum box unit, in particular quick-change milling drum box unit, comprising an interior configured to receive a milling drum and open downward in vertical direction and having a front wall, a rear wall, a top wall and two opposing side walls, a part of a fastening device for mounting the milling drum box unit, in particular quick-change milling drum box unit, to the base machine, a connection point arranged inside the interior of the milling drum box unit, in particular quick-change milling drum box unit, and configured to receive and establish a drive connection to a milling drum rotatable about a rotation axis, on sides of each side wall a lateral shield height-adjustable relative to the side wall, at least two drive energy-consuming consumer elements and/or at least two sensors for detecting an operating parameter. The present invention further relates to a ground milling machine, comprising a base machine with a machine frame, an operator platform, a drive motor and travel units driven by the drive motor, a milling drum box unit, in particular a quick-change milling drum box unit, with a milling drum for milling ground material. The ground milling machine further has a detachable, in particular hydraulically, electrically, electromechanically or pneumatically detachable, fastening device with which the milling drum box unit, in particular quick-change milling drum box unit, can be detachably fastened to the base machine of the ground milling machine.

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