

Title (en)
MILLING HEAD

Title (de)
MESSERKOPF

Title (fr)
TETE PORTE-LAMES

Publication
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Application
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Abstract (en)
[origin: US5658101A] PCT No. PCT/EP93/02729 Sec. 371 Date May 18, 1995 Sec. 102(e) Date May 18, 1995 PCT Filed Oct. 6, 1993 PCT Pub. No. WO94/07665 PCT Pub. Date Apr. 14, 1994An improved milling head. A milling head is provided with a backing plate with a toothed system on the from side, whose teeth run in parallel to the longitudinal axis of the carrier body. Because the blade plate has a toothed system, which can be engaged with the toothed system on the front of the support plate, the blade plate no longer needs to be shifted radially outward to be resharpened. Rather the blade plate must only be radially displaced to the outside by a tooth of a micro-toothed system. This simplifies the regrinding on a constant flight circle diameter, because only the hard metal of the blade plate needs to be ground, which can be accomplished with a normal hard metal grinding wheel. The support plate only needs to be shaped when it is manufactured, which is possible with a normal corundum disk and can be accomplished quickly. Since the support plate does not need to be reground, it remains completely functional and can be used together with a new blade plate. In a preferred embodiment, the support plates and the flank of the groove which creates the face of the support plate provide for an interlocking securing device for the support plate against any dislocation in the radial direction relative to the carrier body.

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