

Title (en)
MANUALLY DRIVEN MACHINE

Title (de)
HANDWERKZEUGMASCHINE

Title (fr)
MACHINE MANUELLE

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Application
EP 97942809 A 19970906

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Abstract (en)
[origin: DE19649514A1] The present invention relates to a manually driven machine (10) provided with a rotatively driven disk-type tool (22), for example a circular saw, a cage (12) accomodating a propulsion engine and a spindle (17) bearing a tool between an attaching nut, a clamping screw (19), or a similar item, and supporting bridles (21, 23), of which the one (23) facing the spindle (17) is easily workable, can rotate without using any tool and takes its bearing against the tool (22) without much friction. The securing and releasing efficiency of the tool results from the fact that adjustment means (35) coupled with the supporting bridle (22) cause the latter to be axially shifted by a torque, including through the tool, in the direction of the latter (22) when they start rotating relative to the tool spindle (17), thereby increasing the clamping force exerted on the tool (23), and tend, when the tool (22) is idle, to cause the supporting bridle (23) to axially shift away from the tool (22), thereby bringing about a release of the clamping force.

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