

Title (en)
ROTATING MACHINE, APPROXIMATELY IN THE FORM OF A HAND DRILL, A PERCUSSION DRILL, A DRILL HAMMER OR A BATTERY SCREWDRIVER

Title (de)
DREHMASCHINE, ETWA IN FORM EINER HANDBOHRMASCHINE, EINER SCHLAGBOHRMASCHINE, EINES BOHRHAMMERS ODER EINES AKKUSCHRAUBERS

Title (fr)
MACHINE ROTATIVE SE PRESENTANT APPROXIMATIVEMENT SOUS FORME DE PERCEUSE A MAIN, DE PERCEUSE A PERCUSSION, DE MARTEAU PERFORATEUR OU DE TOURNE-VIS SANS FIL

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Application
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Abstract (en)
[origin: US2004013485A1] The invention relates to a tool-receiving element, the tool-clamping device thereof being directly integrated into the rotating machine. A multiple-edge longitudinal recess (21,121,221), especially a hexagonal recess, extends into the drive shaft (18,118,218) from the output-side front end thereof. A clamping sleeve (25,25',125,225) is received on the section of the drive shaft comprising the tool-receiving element, in the form of a tool-clamping device, by which means at least one locking element (24,124,224) received in a radial recess penetrating the shell of the tool-receiving element can be actuated in a locking position protruding radially into the tool-receiving element, and can be released in an unlocking position for radial yielding.

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