

Title (en)
Manually operated machine tool with a radial brake

Title (de)
Hand-Werkzeugmaschine mit einer Radialbremse

Title (fr)
Machine-outil manuelle dotée d'un frein radial

Publication
EP 2366492 B1 20131218 (DE)

Application
EP 11002205 A 20110317

Priority
DE 102010012027 A 20100319

Abstract (en)
[origin: EP2366492A1] The tool has a drive motor for driving a tool holder (23), and an eccentric gear comprising a drive shaft. A disk tool (24) e.g. grinding disk, is fastened to the motor by a machine holder. A tool shaft (26) executes rotational movements in a rotation-eccentric mode during rotation of the drive shaft. A brake surface arrangement (173) for braking the disk tool is arranged in the tool holder. The disk tool is rotated around a drive axis (36) relative to the arrangement, where the arrangement has a radial braking surface that extends over a circle segment of a circle around the axis.

IPC 8 full level
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CPC (source: EP)
B24B 23/04 (2013.01); **B24B 47/26** (2013.01)

Cited by
EP2823935A1; CN108714834A; CN107471044A; CN113825592A; WO2020103302A1; DE102013011669A1; DE102013011669B4

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