

Title (en)
Grinder with eccentric platen

Title (de)
Exzenterteller-Schleifmaschine

Title (fr)
Meuleuse à plateau excentrique

Publication
EP 1027958 B1 20040804 (DE)

Application
EP 00101027 A 20000120

Priority
DE 19905624 A 19990211

Abstract (en)
[origin: EP1027958A2] The eccentric plate grinder machine has a grinder plate unit (8) which rotates on a pin (6) which is eccentric to the drive shaft (5) so that, in operation, the grinding plate (8) follows a circular and planetary path round the axis line (23) of the drive shaft (5). The circular movement can be overlaid by a rotary movement round the axis line (24) of the eccentric pin (6), to increase the removal of material from the workpiece. The grinding plate unit has a rim gear (12) at a rim gear (19) at a ring body (20), coaxial to the drive shaft (5), where the ring body (20) can rotate freely but is axially keyed in place. The two rim gears (12,19) are constantly meshed together. A lock (22) can prevent rotation by the ring body (20).

IPC 1-7
B24B 23/03

IPC 8 full level
B24B 23/03 (2006.01)

CPC (source: EP)
B24B 23/03 (2013.01)

Cited by
DE102006054266B3; GB2357256A; GB2357256B; US6394884B1

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