

Title (en)  
ECCENTRIC GRINDING MACHINE

Publication  
**EP 0406247 B1 19921202 (DE)**

Application  
**EP 89901938 A 19890202**

Priority  
DE 3809930 A 19880324

Abstract (en)  
[origin: WO8909114A1] The eccentric drive of an eccentric grinding machine is designed to eliminate the undesirable effects due to operation of the grinding disc and to improve the cooling. To permit decoupling of the eccentric drive from the grinding disk (24), only the central region of the latter is connected to the intermediate disk (17), which is provided with a gear rim (21, 22). At the same time, the intermediate disk (17) conducts the heat generated in the bearings (10, 11) to the suction air stream flowing through the ventilation ports (28, 29). The eccentric grinding wheel executes four different fine grinding movements and is therefore suitable for all grinding operations.

IPC 1-7  
**B24B 23/03**

IPC 8 full level  
**B24B 23/03** (2006.01); **B24B 55/10** (2006.01)

CPC (source: EP US)  
**B24B 23/03** (2013.01 - EP US); **B24B 55/102** (2013.01 - EP US)

Cited by  
US5458533A

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 8909114 A1 19891005**; DE 3809930 A1 19891005; DE 58902911 D1 19930114; EP 0406247 A1 19910109; EP 0406247 B1 19921202; US 5170588 A 19921215; US 5453040 A 19950926

DOCDB simple family (application)  
**DE 8900064 W 19890202**; DE 3809930 A 19880324; DE 58902911 T 19890202; EP 89901938 A 19890202; US 56637890 A 19900828; US 88517192 A 19920518