

Title (en)  
Drive arrangement for oscillating spindle

Title (de)  
Oszillationsantrieb

Title (fr)  
Dispositif d'entraînement pour arbre oscillant

Publication  
**EP 1358965 B1 20110105 (DE)**

Application  
**EP 03007185 A 20030329**

Priority  
DE 10220325 A 20020430

Abstract (en)  
[origin: EP1358965A2] The drive has a housing (14) for a rotary driven drive shaft (18), an eccentric element driven by the drive shaft and a tool drive shaft (30). The eccentric element is coupled to the tool drive shaft by a pivoting element (28) to drive the tool drive shaft about its longitudinal axis in oscillatory manner. The pivoting element is braced relative to the housing on both outer sides at its end remote from the tool drive shaft by springs (60,62). AN Independent claim is also included for the following: (a) a machine tool, especially a grinder or cutting machine, with an inventive device.

IPC 8 full level  
**B24B 41/04** (2006.01); **B23Q 5/027** (2006.01); **B24B 23/04** (2006.01)

CPC (source: EP)  
**B24B 23/04** (2013.01); **B24B 41/04** (2013.01)

Cited by  
DE102014119141A1; DE102016123266A1; DE202009011312U1; EP2594364A1; EP2436485A3; US8397832B2; US8757285B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1358965 A2 20031105; EP 1358965 A3 20040407; EP 1358965 B1 20110105**; DE 10220325 A1 20031113; DE 10220325 B4 20110601; DE 50313381 D1 20110217

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