

Title (en)  
Sanding tool

Title (de)  
Schleifwerkzeug

Title (fr)  
Outil de ponçage

Publication  
**EP 1745887 A1 20070124 (EN)**

Application  
**EP 06253605 A 20060710**

Priority  
CN 200510041161 A 20050721

Abstract (en)  
The present invention relates to a sanding tool comprising a housing (1,1b), a drive unit (2) mounted in the housing. An eccentric device (4,4a,4b) is mounted eccentrically on the drive shaft (22) and a sanding (7,7a,7b) shoe is mounted on the eccentric device at the base of the housing. The sanding tool further comprises a restraining element (3,3a,3b) flexibly mounted on the housing and a coupling-decoupling element (6,6a,6b) movable relative to the housing (1,1b). The coupling-decoupling element (6,6a,6b) moves to selectively decouple/couple the restraining element from/with the sanding shoe to perform random orbit sanding or regular orbit sanding.

IPC 8 full level  
**B24B 23/03** (2006.01); **B24B 23/04** (2006.01)

CPC (source: EP)  
**B24B 23/03** (2013.01); **B24B 23/04** (2013.01)

Citation (applicant)  
• US 6132300 A 20001017 - MARTIN MICHAEL [GB]  
• US 6739493 B2 20040525 - THUERLEMANN SILVAN [CH]  
• EP 0525328 A1 19930203 - BOSCH GMBH ROBERT [DE]

Citation (search report)  
• [DA] EP 0525328 A1 19930203 - BOSCH GMBH ROBERT [DE]  
• [A] WO 02062526 A1 20020815 - BOSCH GMBH ROBERT [DE], et al  
• [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by  
CN111958431A; CN114888665A; EP2366493A1; EP2366495A1; DE102010012021B3; CN117961688A; EP3736084A1; CN111906657A; US12005542B2

Designated contracting state (EPC)  
DE FR GB

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1745887 A1 20070124**; CN 1724216 A 20060125

DOCDB simple family (application)  
**EP 06253605 A 20060710**; CN 200510041161 A 20050721