

Title (en)

Driving device for rotating tools with superimposed oscillatory movement and tool therefore

Title (de)

Antriebsvorrichtung für rotierende, mit Oszillationsüberlagerung arbeitende Werkzeuge und Werkzeug hiermit

Title (fr)

Dispositif d'entraînement pour outils rotatifs à mouvement oscillatoire superposé et outil correspondant

Publication

EP 1734224 B1 20080716 (DE)

Application

EP 06010277 A 20060518

Priority

DE 102005028277 A 20050618

Abstract (en)

[origin: EP1734224A1] A carrier bush (15) fits on bearings in a drive casing (11) so as to rotate. A drive shaft (13) rotates on bearings in the carrier bush. A tool mount (16A,16B) holds processing tools. A vibration-stimulating device generates vibration overlay for the tool mount. An independent claim is also included for a tool with a drive device.

IPC 8 full level

E21D 9/10 (2006.01); **E21C 25/16** (2006.01)

CPC (source: EP)

E21C 25/16 (2013.01); **E21D 9/1046** (2013.01)

Cited by

CN108798503A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1734224 A1 20061220; EP 1734224 B1 20080716; AT E401492 T1 20080815; AU 2006202562 A1 20070111; AU 2006202562 B2 20101125; CA 2550348 A1 20061218; CA 2550348 C 20121120; CN 1880724 A 20061220; CN 1880724 B 20120627; DE 102005028277 A1 20061221; DE 502006001107 D1 20080828; ES 2310874 T3 20090116; JP 2006348736 A 20061228; JP 5207339 B2 20130612; PL 1734224 T3 20090227; RU 2006121387 A 20071227; RU 2391504 C2 20100610; ZA 200604924 B 20070425

DOCDB simple family (application)

EP 06010277 A 20060518; AT 06010277 T 20060518; AU 2006202562 A 20060615; CA 2550348 A 20060616; CN 200610092838 A 20060616; DE 102005028277 A 20050618; DE 502006001107 T 20060518; ES 06010277 T 20060518; JP 2006165629 A 20060615; PL 06010277 T 20060518; RU 2006121387 A 20060616; ZA 200604924 A 20060614