

Title (en)
Rotary tool

Title (de)
Rotationswerkzeug

Title (fr)
Outil rotatif

Publication
EP 1645364 B1 20070627 (DE)

Application
EP 05016864 A 20050803

Priority
DE 102004049235 A 20041009

Abstract (en)
[origin: US2006079163A1] A surface-treatment wheel has an inner element rotatable about an axis, and an outer ring fixed rotationally on the inner element, centered on the axis, and formed unitarily with an annular array of radially outwardly projecting teeth defining outwardly open notches, and respective angularly extending webs or ridges in the notches.

IPC 8 full level
B24D 13/12 (2006.01); **B24D 3/22** (2006.01); **B24D 13/04** (2006.01)

CPC (source: EP KR US)
B24D 3/22 (2013.01 - EP US); **B24D 7/00** (2013.01 - KR); **B24D 13/12** (2013.01 - EP US); **B24D 15/04** (2013.01 - KR)

Cited by
EP1859903A1

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)
US 2006079163 A1 20060413; US 7462096 B2 20081209; AT E365608 T1 20070715; CA 2517042 A1 20060409; CA 2517042 C 20110712; CN 100566944 C 20091209; CN 1757485 A 20060412; DE 102004049235 B3 20050721; DE 502005000931 D1 20070809; EP 1645364 A1 20060412; EP 1645364 B1 20070627; ES 2285614 T3 20071116; JP 2006110717 A 20060427; JP 5144887 B2 20130213; KR 101166929 B1 20120719; KR 20060052132 A 20060519

DOCDB simple family (application)
US 23808005 A 20050928; AT 05016864 T 20050803; CA 2517042 A 20050825; CN 200510093988 A 20050901; DE 102004049235 A 20041009; DE 502005000931 T 20050803; EP 05016864 A 20050803; ES 05016864 T 20050803; JP 2005292046 A 20051005; KR 20050094571 A 20051007