

Title (en)
Grinding tool

Title (de)
Schleifwerkzeug

Title (fr)
Outil de meulage

Publication
EP 1747851 A3 20070221 (DE)

Application
EP 06124027 A 20010712

Priority
• EP 01116979 A 20010712
• DE 20012746 U 20000722

Abstract (en)
[origin: US2002009965A1] A grinding tool to be driven by a rotating machine drive comprises a carrier body in the form of a disk. The disk can be attached to the machine drive by means of a connecting element located at approximately the area of the center of rotation. The carrier body has at least one working side equipped with a grinding element. The grinding element takes the form of a disk leaf, i.e. a thin or leaf-like disk disposed radially in relation to the axis of rotation. The periphery of the disk protrudes by a predetermined amount beyond the outer edge of the working side of the carrier body. The grinding element disk comprises at least two disk layers attached to one another. A first layer of the disk is an elastic cushioning layer, and a second layer of the disk is a highly flexible grinding linen.

IPC 8 full level
B24D 13/16 (2006.01); **B24D 7/16** (2006.01); **B24D 7/18** (2006.01); **B24D 9/08** (2006.01); **B24D 13/20** (2006.01)

CPC (source: EP US)
B24D 7/16 (2013.01 - EP US); **B24D 7/18** (2013.01 - EP US); **B24D 9/085** (2013.01 - EP US)

Citation (search report)
• [XA] US 2480886 A 19490906 - WILLIAM STEVER
• [XA] US 3742656 A 19730703 - AMOS R
• [XA] US 3540160 A 19701117 - ROSE ANTONIO DE, et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2002009965 A1 20020124; US 6551180 B2 20030422; AT E345193 T1 20061215; DE 20012746 U1 20000928; DE 50111439 D1 20061228; EP 1174219 A2 20020123; EP 1174219 A3 20040102; EP 1174219 B1 20061115; EP 1747851 A2 20070131; EP 1747851 A3 20070221

DOCDB simple family (application)
US 91062301 A 20010720; AT 01116979 T 20010712; DE 20012746 U 20000722; DE 50111439 T 20010712; EP 01116979 A 20010712; EP 06124027 A 20010712