

Title (en)
Grinding tool

Title (de)
Schleifwerkzeug

Title (fr)
Outil de meulage

Publication
EP 1174219 A3 20040102 (DE)

Application
EP 01116979 A 20010712

Priority
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 1-7
B24D 13/16; **B24D 9/08**; **B24D 13/20**

IPC 8 full level
B24D 7/16 (2006.01); **B24D 7/18** (2006.01); **B24D 9/08** (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)
• [XY] US 3742656 A 19730703 - AMOS R
• [Y] US 3540160 A 19701117 - ROSE ANTONIO DE, et al

Cited by
CN112518385A; US9381618B2; US8167689B2; WO03097299A1

Designated contracting state (EPC)
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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