

Title (en)
Care disc

Title (de)
Pflegescheibe

Title (fr)
Disque d'entretien

Publication
EP 2189098 A3 20130123 (DE)

Application
EP 09012787 A 20091009

Priority
DE 102008060100 A 20081125

Abstract (en)
[origin: EP2189098A2] The disk has a rotary-driven rigid disk element (4) arranged as a platform including process coverings in form of absorbing pads (3) in an outer region. Tongue like planar elements extend from an outer region to an inner region (5) of the disk element. The planar elements are connected with a flexible connection i.e. tangential hinge like connection, in the outer region for bending out of a surface to be processed during a working procedure. A bending direction is inclined at a side of the pads and in a direction of the surface. The planar elements are made of elastically deformable plastic.

IPC 8 full level
A47L 11/16 (2006.01); **B24B 7/18** (2006.01)

CPC (source: EP US)
A47L 11/16 (2013.01 - EP US); **A47L 11/4036** (2013.01 - EP US); **A47L 11/4038** (2013.01 - EP US); **B24B 7/186** (2013.01 - EP US); **B24D 9/08** (2013.01 - EP US)

Citation (search report)

- [A] GB 292119 A 19281101 - INVENTIA PATENT VERWERT GES
- [A] US 2242577 A 19410520 - FINNELL WALTER S
- [A] US 4747176 A 19880531 - PARKS EUGENE R [US]
- [A] EP 1177860 A1 20020206 - UEGAKI TATEO [JP]

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US2016184973A1; US9718169B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008060100 B3 20100408; CA 2686067 A1 20100525; CA 2686067 C 20160531; EP 2189098 A2 20100526; EP 2189098 A3 20130123; EP 2189098 B1 20140423; JP 2010125324 A 20100610; JP 5514519 B2 20140604; US 2010125966 A1 20100527; US 8272094 B2 20120925

DOCDB simple family (application)
DE 102008060100 A 20081125; CA 2686067 A 20091117; EP 09012787 A 20091009; JP 2009263878 A 20091119; US 59095309 A 20091116