

Title (en)

BUFFING PAD WITH GRADED FLEXIBILITY AND REPLACEABLE WORK FACE

Title (de)

SCHWABBELPOLSTER MIT ABGESTUFTER FLEXIBILITÄT UND AUSTAUSCHBARER ARBEITSFLÄCHE

Title (fr)

TAMPON LUSTREUR A FLEXIBILITE AMELIOREE ET FACE DE POLISSAGE REMPLAÇABLE

Publication

**EP 1802424 B1 20100414 (EN)**

Application

**EP 05770946 A 20050712**

Priority

- US 2005024557 W 20050712
- US 93917404 A 20040910

Abstract (en)

[origin: US2006053576A1] A rotary buffing and finishing pad assembly includes a polymeric foam cushioning layer that has a graded compression load deflection which is interposed between a backing plate and a relatively thin performance layer that is removably attached to the foam cushioning layer. Alternate constructions for providing a graded cushioning effect are also disclosed.

IPC 8 full level

**B24D 13/14** (2006.01); **B24D 9/08** (2006.01)

CPC (source: EP US)

**B24D 9/085** (2013.01 - EP US); **B24D 13/147** (2013.01 - EP US)

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 2006053576 A1 20060316**; AT E464156 T1 20100415; AU 2005285456 A1 20060323; CA 2579432 A1 20060323; DE 602005020660 D1 20100527; EP 1802424 A1 20070704; EP 1802424 B1 20100414; JP 2008512263 A 20080424; MX 2007002859 A 20070516; WO 2006031286 A1 20060323

DOCDB simple family (application)

**US 93917404 A 20040910**; AT 05770946 T 20050712; AU 2005285456 A 20050712; CA 2579432 A 20050712; DE 602005020660 T 20050712; EP 05770946 A 20050712; JP 2007531164 A 20050712; MX 2007002859 A 20050712; US 2005024557 W 20050712