

Title (en)

TOOL FOR SURFACE TREATMENT OF AN OPTICAL SURFACE

Title (de)

WERKZEUG ZUR FLÄCHENBEARBEITUNG EINER OPTISCHEN OBERFLÄCHE

Title (fr)

OUTIL POUR LE SURFACAGE D UNE SURFACE OPTIQUE

Publication

**EP 1465749 A1 20041013 (FR)**

Application

**EP 03712206 A 20030106**

Priority

- FR 0300010 W 20030106
- FR 0200483 A 20020116

Abstract (en)

[origin: WO03059572A1] The invention concerns a tool for surface treatment (1) of an optical surface (2), comprising a rigid support (4) having a transverse end surface (13), an elastically compressible interface (5) which is applied against and overlaps said end surface (13), and a soft buffer (6) designed to be applied against the optical surface (2) and which is pressed against and overlaps at least partly the interface (5) opposite and perpendicular to said end surface (13). The invention is characterized in that the buffer includes a so-called central part (6a) which is located between said end surface (13) and a so-called peripheral part (14) which is located transversely beyond said end surface (13), elastic return means (15) connecting said peripheral part (14) to the support (4).

IPC 1-7

**B24B 13/02**; **B24D 9/08**

IPC 8 full level

**B24D 99/00** (2010.01); **B24B 13/02** (2006.01); **B24D 7/18** (2006.01); **B24D 9/08** (2006.01)

CPC (source: EP KR US)

**B24B 9/06** (2013.01 - KR); **B24B 13/02** (2013.01 - EP KR US); **B24D 9/08** (2013.01 - EP KR US)

Citation (search report)

See references of WO 03059572A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

**WO 03059572 A1 20030724**; **WO 03059572 A8 20040812**; AT E356691 T1 20070415; AU 2003216781 A1 20030730; AU 2003216781 B2 20080529; CA 2472314 A1 20030724; CA 2472314 C 20100928; CN 1315616 C 20070516; CN 1620356 A 20050525; DE 60312475 D1 20070426; DE 60312475 T2 20071129; EP 1465749 A1 20041013; EP 1465749 B1 20070314; EP 1465749 B9 20071017; ES 2283758 T3 20071101; FR 2834662 A1 20030718; FR 2834662 B1 20040514; JP 2005514220 A 20050519; JP 4223404 B2 20090212; KR 100940892 B1 20100209; KR 20040069219 A 20040804; US 2005101235 A1 20050512; US 7033261 B2 20060425

DOCDB simple family (application)

**FR 0300010 W 20030106**; AT 03712206 T 20030106; AU 2003216781 A 20030106; CA 2472314 A 20030106; CN 03802405 A 20030106; DE 60312475 T 20030106; EP 03712206 A 20030106; ES 03712206 T 20030106; FR 0200483 A 20020116; JP 2003559720 A 20030106; KR 20047010963 A 20030106; US 50064005 A 20050106