

Title (en)

POLISHING TOOL COMPRISING A DRIVE PLATE AND A REMOVABLE PAD FOR FINISHING AN OPHTHALMIC LENS

Title (de)

POLIERWERKZEUG MIT EINER ANTRIEBSPLATTE UND EINEM AUSWECHSELBAREN PAD ZUR ENDVERARBEITUNG EINER OPHTHALMISCHEN LINSE

Title (fr)

OUTIL DE POLISSAGE COMPORTANT UN PLATEAU D'ENTRAINEMENT ET UN PATIN AMOVIBLE POUR LA FINITION D'UNE LENTILLE OPHTALMIQUE

Publication

EP 1796874 A1 20070620 (FR)

Application

EP 05800555 A 20050901

Priority

- FR 2005002182 W 20050901
- FR 0409636 A 20040910

Abstract (en)

[origin: WO2006030091A1] The invention relates to a polishing tool (1) for finishing an ophthalmic lens. The inventive tool comprises: a drive plate (4) which is equipped with means (2) for mounting same to the spindle of a polishing machine; a removable polishing pad (5) which is designed to be rotated by the drive plate (4); positioning means which can be used to block the radial movement of the pad (5) in relation to the plate (4) as well as to enable the pad (5) to slide axially in relation the plate (4); retaining means which limit the axial sliding movement of the pad (5) in relation to the plate (4) to a pre-determined sliding range; and means for stopping said rotational movement, comprising at least one tooth which can be engaged in a slot having a corresponding shape, one of said elements being provided on the plate (4) and the other on the pad (5).

IPC 8 full level

B24B 37/04 (2006.01); **B24B 13/01** (2006.01); **B24B 29/02** (2006.01); **B24B 45/00** (2006.01); **B24D 7/16** (2006.01)

CPC (source: EP US)

B24B 13/01 (2013.01 - EP US); **B24B 29/02** (2013.01 - EP US); **B24B 45/006** (2013.01 - EP US); **B24D 7/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2006030091A1

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)

FR 2875155 A1 20060317; **FR 2875155 B1 20061208**; AT E396830 T1 20080615; DE 602005007259 D1 20080710; EP 1796874 A1 20070620; EP 1796874 B1 20080528; JP 2008512256 A 20080424; JP 4814884 B2 20111116; US 2008096478 A1 20080424; US 8029341 B2 20111004; WO 2006030091 A1 20060323

DOCDB simple family (application)

FR 0409636 A 20040910; AT 05800555 T 20050901; DE 602005007259 T 20050901; EP 05800555 A 20050901; FR 2005002182 W 20050901; JP 2007530734 A 20050901; US 66207505 A 20050901