

Title (en)

POLISHING MACHINE FOR LENSES AND METHOD FOR POLISHING A LENS USING A MACHINE TOOL

Title (de)

POLIERMASCHINE FÜR LINSEN UND VERFAHREN ZUM POLIEREN EINER LINSE MIT EINER BEARBEITUNGSMASCHINE

Title (fr)

POLISSEUSE POUR LENTILLES ET PROCEDE DE POLISSAGE D'UNE LENTILLE AVEC UNE MACHINE D'USINAGE

Publication

EP 2195140 B1 20120125 (DE)

Application

EP 08803956 A 20080910

Priority

- EP 2008061989 W 20080910
- DE 102007042667 A 20070910

Abstract (en)

[origin: US8460062B2] A polishing machine for lenses with at least one first polishing spindle having a polishing axis (K) and a tool holder disposed on the first polishing spindle for a first polishing disc designed as a tool, further comprising at least one first workpiece spindle having a rotary axis (C) and a workpiece holder disposed on the first workpiece spindle for a lens, wherein the workpiece holder and the tool holder are disposed so as to be movable in translation in the direction of a telescoping axis (Z) disposed parallel to the polishing axis (K) and in the direction of a translation axis (X) disposed at right angles to the rotary axis (C). The polishing machine further has at least one first tool changer for changing the tool and a working chamber formed of at least one wall spatially limiting a spray of polishing medium during processing, wherein at least the workpiece holder and the tool holder are disposed within the working chamber, wherein the first tool changer is disposed at least partially within the working chamber during operation.

IPC 8 full level

B24B 13/00 (2006.01)

CPC (source: EP US)

B24B 13/0037 (2013.01 - EP US); **Y10T 483/115** (2015.01 - EP US); **Y10T 483/174** (2015.01 - EP US)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2011009035 A1 20110113; US 8460062 B2 20130611; AT E542636 T1 20120215; DE 102007042667 A1 20090312; EP 2195140 A2 20100616; EP 2195140 B1 20120125; WO 2009034104 A2 20090319; WO 2009034104 A3 20090522

DOCDB simple family (application)

US 73360208 A 20080910; AT 08803956 T 20080910; DE 102007042667 A 20070910; EP 08803956 A 20080910; EP 2008061989 W 20080910