

Title (en)

Device for guiding a workpiece or a tool while machining toric or spheric surfaces of ophtalmic lenses on grinding or polishing machines.

Title (de)

Vorrichtung zur Führung eines Werkstücks oder Werkzeugs bei der Bearbeitung torischer oder sphärischer Flächen optischer Linsen auf Schleif- oder Poliermaschinen.

Title (fr)

Dispositif pour le guidage d'une pièce ou d'un outil lors de l'usinage de surfaces toriques ou sphériques de lentilles optiques sur machine à meuler ou polir.

Publication

**EP 0567894 B1 19951129 (DE)**

Application

**EP 93106347 A 19930420**

Priority

DE 4214266 A 19920501

Abstract (en)

[origin: EP0567894A1] An apparatus for guiding a workpiece or tool when clear-grinding or polishing aspherical or spherical surfaces of contact lenses, comprising a chuck (2) and an axially movable centre sleeve (1) on which the chuck (2) is fastened. The chuck (2) contains a pressure-medium chamber (12) which is sealed by the diaphragm-type arrangement of a U-type bellows (8), which does not yield in the peripheral direction, with lens or tool carrier (10). The centre sleeve (1) can be moved by a pressure-medium cylinder and piston arrangement (26, 27) which is arranged coaxially thereto. The pressure-medium chambers of the chuck (2) and pressure-medium cylinder and piston arrangement (26, 27) are connected to one another and can be acted upon at the same time by the pressure medium. <IMAGE>

IPC 1-7

**B24B 13/005**

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN102172867A; DE102004003131A1; DE102010019491B4; US2018333822A1; US10252393B2; EP1034888A3; CN110977678A; EP0740979A1; FR2733710A1; US5669807A; US7503834B2; US7588480B2; US8011996B2; KR100715384B1; US7153184B2; US7255628B2; US7338346B2; US6242353B1; EP2384854A2; DE102010019491A1; US8979618B2; EP1251997B2; EP1386694B2

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