

Title (en)  
Apparatus for polishing spherical lenses

Title (de)  
Vorrichtung zum Polieren sphärischer Linsenoberfläche

Title (fr)  
Appareil pour polir des lentilles sphériques

Publication  
**EP 0727280 B1 19970917 (DE)**

Application  
**EP 95101961 A 19950214**

Priority  
EP 95101961 A 19950214

Abstract (en)  
[origin: EP0727280A1] The polishing appts. (32) is carried in a holder (31) at the end of a tool spindle (30) on a CNC machine tool (18). Another drive has two spindles (40,41) sepd. by a fixed distance (A) for bringing up the lens (L) in its holder (42) and a facing tool (50) respectively. The polishing material is applied on a film (34) pref. of polyurethane lining the concave surface of a carrier (33). The lens is held firmly by means of a special rubber diaphragm connected to a supply of compressed air.

IPC 1-7  
**B24B 13/01**; **B24B 53/00**

IPC 8 full level  
**B24B 13/01** (2006.01); **B24B 53/00** (2006.01)

CPC (source: EP)  
**B24B 13/01** (2013.01); **B24B 53/00** (2013.01)

Cited by  
EP0916448A3; CN102601702A; DE19910534B4; DE19737216A1; EP0937542A1; DE102016125206A1; US8011996B2; US7854645B2; WO2006034695A1

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**EP 0727280 A1 19960821**; **EP 0727280 B1 19970917**; DE 29520993 U1 19961107; DE 59500684 D1 19971023

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