

Title (en)

APPARATUS FOR MACHINING GLASS LENSES

Title (de)

BRILLENGLASBEARBEITUNGSMASCHINE

Title (fr)

MACHINE POUR USINER DES VERRES DE LUNETTES

Publication

EP 1053074 A1 20001122 (DE)

Application

EP 99907430 A 19990127

Priority

- DE 19804489 A 19980205
- EP 9900513 W 19990127

Abstract (en)

[origin: DE19804489A1] The present invention relates to an apparatus for machining glass lenses, wherein said apparatus comprises the following members: a housing (1); a machining chamber located in said housing; a shaft for maintaining a glass lens (5, 6) and a machining device (3) both arranged in the machining chamber; a cover (11) for outwardly closing the machining chamber; a support (17) for transporting a non-machined lens (9) towards the shaft for maintaining the glass lens when the cover is shut; a detector (10) for measuring the position of the non-machined lens as well as its angular position on the support, said detector being located in the area between the cover (11) and the shaft for maintaining the glass lens (5, 6); and a control device in the form of a computer. When grinding the glass lens using the machining device, the control device uses the data provided by the detector about the situation and the angular position of the non-machined lens in the shaft for maintaining the glass lens.

IPC 1-7

B24B 9/14; **B24B 49/12**; **B24B 47/22**

IPC 8 full level

B24B 9/14 (2006.01); **B24B 47/22** (2006.01); **B24B 49/12** (2006.01)

CPC (source: EP US)

B24B 9/14 (2013.01 - EP US); **B24B 47/225** (2013.01 - EP US); **B24B 49/12** (2013.01 - EP US)

Citation (search report)

See references of WO 9939870A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19804489 A1 19990826; **DE 19804489 C2 20000615**; EP 1053074 A1 20001122; US 6332827 B1 20011225; WO 9939870 A1 19990812

DOCDB simple family (application)

DE 19804489 A 19980205; EP 9900513 W 19990127; EP 99907430 A 19990127; US 60175000 A 20000807