

Title (en)

Method and apparatus for machining optical lenses

Title (de)

Verfahren und Vorrichtung zur Bearbeitung optischer Linsen

Title (fr)

Procédé et dispositif pour l'usinage de lentilles optiques

Publication

EP 0868972 B1 19990609 (DE)

Application

EP 97105089 A 19970326

Priority

EP 97105089 A 19970326

Abstract (en)

[origin: EP0868972A1] The or each lens body (7) has a disposable tension edge (18) by which it is clamped for the grinding and polishing process before being removed at the end of the finishing process. The rough and finishing work on the lens body is carried out on one side and the lens body is then turned for the reverse side finishing. The lens body can be removed from a first clamping position and introduced into a second clamping position with a single interim holding and turning process. The finishing device has a machine stand with motorized drive and guide means for two vertically movable workpiece spindles (1,2) for a lens body blank.

IPC 1-7

B24B 13/00

IPC 8 full level

B24B 13/00 (2006.01)

CPC (source: EP US)

B24B 13/0031 (2013.01 - EP US)

Cited by

CN103415371A; DE19750428B4; CN108274341A; EP2011603A1; WO03033205A1; WO2012088051A3; US8672730B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0868972 A1 19981007; EP 0868972 B1 19990609; CA 2232258 A1 19980926; DE 29723542 U1 19981119; DE 59700201 D1 19990722; US 5951376 A 19990914; US 6383061 B1 20020507

DOCDB simple family (application)

EP 97105089 A 19970326; CA 2232258 A 19980316; DE 29723542 U 19970326; DE 59700201 T 19970326; US 35190799 A 19990714; US 4751698 A 19980325