

Title (en)

Device for grinding edges of optical lenses

Title (de)

Vorrichtung zur Randbearbeitung von optischen Linsen

Title (fr)

Dispositif pour l'usinage des bords de lentilles ophtalmiques

Publication

**EP 1616663 B1 20060830 (DE)**

Application

**EP 05022730 A 20020316**

Priority

- EP 02006026 A 20020316
- DE 10114239 A 20010322

Abstract (en)

[origin: EP1243380A2] The lens is clamped between two holder-shafts (10,12) which turn on a workpiece pivot axle. A first carriage (14) is longitudinally guided on a base frame (16). A second carriage (18) supports a spindle (20) with a machining appliance (22) for the edges of the optical lens. The second carriage is guided along the first carriage in a direction at right angles to the first direction. The O-shaped base frame encloses the first, O-shaped carriage and encloses the second carriage. On each side of the base frame is a linear guide (48) for the first carriage.

IPC 8 full level

**B24B 9/14** (2006.01); **B24B 41/00** (2006.01); **B24B 47/22** (2006.01)

CPC (source: EP US)

**B24B 9/14** (2013.01 - EP US); **B24B 9/148** (2013.01 - EP US); **B24B 41/00** (2013.01 - EP US); **B24B 47/22** (2013.01 - EP US); **B24B 47/225** (2013.01 - EP US)

Cited by

FR2900854A1; FR2900853A1; WO2007128904A1; US8087150B2; US8128463B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1243380 A2 20020925**; **EP 1243380 A3 20031015**; **EP 1243380 B1 20051019**; AT E307007 T1 20051115; AT E337889 T1 20060915; DE 10114239 A1 20021002; DE 50204570 D1 20060302; DE 50208035 D1 20061012; EP 1616663 A1 20060118; EP 1616663 B1 20060830; ES 2250532 T3 20060416; ES 2271932 T3 20070416; US 2002168920 A1 20021114; US 6712671 B2 20040330

DOCDB simple family (application)

**EP 02006026 A 20020316**; AT 02006026 T 20020316; AT 05022730 T 20020316; DE 10114239 A 20010322; DE 50204570 T 20020316; DE 50208035 T 20020316; EP 05022730 A 20020316; ES 02006026 T 20020316; ES 05022730 T 20020316; US 10315002 A 20020321