

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