

Title (en)

Apparatus for blocking optical lenses

Title (de)

Anordnung zum Blocken und Spannen von am Rand zu bearbeitenden optischen Linsen, insbesondere Brillengläsern

Title (fr)

Dispositif de serrage pour lentilles

Publication

EP 1243381 A3 20021127 (DE)

Application

EP 02006030 A 20020316

Priority

DE 10114238 A 20010322

Abstract (en)

[origin: EP1243381A2] The appliance consists of two rotary holder-shafts (10,12), and a block-piece (14) detachably positioned on one side of the optical lens. an adapter (18) for the block-piece is rigidly joined to one of the holder shafts. A sub-assembly clamp (20) has a fixture section joined to a clamping section on one side (26) of the lens. On the opposite side, the sub-assembly has a spherical-headed protuberance contained in a container with parallel grooves. The clamping section swivels on two tilt-axes.

IPC 1-7

B24B 9/14; **B24B 41/06**

IPC 8 full level

B24B 9/14 (2006.01); **B24B 41/06** (2012.01)

CPC (source: EP US)

B24B 9/146 (2013.01 - EP US); **B24B 41/061** (2013.01 - EP US)

Citation (search report)

- [DYA] EP 0235543 A2 19870909 - WERNICKE & CO GMBH [DE]
- [DYA] DE 9200513 U1 19920305
- [DA] DE 19831305 A1 20000127 - WERNICKE & CO GMBH [DE]
- [DA] EP 0995546 A1 20000426 - ESSILOR INT [FR]
- [DA] DE 2506866 B1 19760219 - WERNICKE & CO GMBH
- [DA] EP 0839603 A1 19980506 - NIDEK KK [JP]
- [A] US 3962833 A 19760615 - JOHNSON DEE LYNN

Cited by

EP2093018A1; EP2266753A1; WO2009106296A1; CN116061040A; CN115200478A; EP1684097A4; US2012272515A1; US9221145B2; EP1716970A1; EP2140971A4; WO2005045480A1; US7309278B2; US8460069B2; EP2826592A1; EP2801440A1; DE202014009911U1; EP3542956A1; WO2019179660A1

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EP 1243381 A2 20020925; **EP 1243381 A3 20021127**; **EP 1243381 B1 20090408**; AT E427809 T1 20090415; DE 10114238 A1 20021002; DE 50213419 D1 20090520; ES 2322645 T3 20090624; US 2002149862 A1 20021017; US 6641466 B2 20031104

DOCDB simple family (application)

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