

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 1243380 A3 20031015 (DE)

Application
EP 02006026 A 20020316

Priority
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.

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IPC 8 full level
B24B 9/14 (2006.01); **B24B 41/00** (2006.01); **B24B 47/22** (2006.01)

CPC (source: EP US)
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B24B 47/225 (2013.01 - EP US)

Citation (search report)
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• [A] EP 0849038 A2 19980624 - SCHNEIDER GMBH & CO KG [DE]
• [A] WO 9713603 A2 19970417 - FRAUNHOFER GES FORSCHUNG [DE], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 016 (M - 187) 22 January 1983 (1983-01-22)

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WO2019179660A1; EP2093018A1; WO2009106296A1; EP2266753A1; EP2963458A1; DE102021005202A1; WO2023066824A1

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