

Title (en)

Procedure of and device for fabricating aspheric lens surfaces

Title (de)

Verfahren und Vorrichtung zum Herstellen asphärischer Linsenoberflächen

Title (fr)

Procédé et dispositif pour fabriquer des lentilles asphériques

Publication

EP 0685298 B2 20020807 (DE)

Application

EP 94117272 A 19941102

Priority

DE 4412370 A 19940412

Abstract (en)

[origin: EP0685298A1] The workpiece in its holder (H) is ground and/or polished by a tool (T) guided along a machining contour predetermined by the control unit. One rectilinear drive (I) is pivoted w.r.t. another (II) about a transverse axis (B), pref. by interpolative control of a third drive (III) to guide the tool from the edge to the centre of the workpiece and along a meridional line. An additional drive permits rotation of the holder about a central axis. The path of the tool is corrected by comparison of measurements at sample points with the predetermined contour. <IMAGE>

IPC 1-7

B24B 13/00; **B24B 13/06**

IPC 8 full level

B24B 13/00 (2006.01); **B24B 13/06** (2006.01)

CPC (source: EP)

B24B 13/00 (2013.01)

Citation (opposition)

Opponent :

DE 3319719 A1 19831229 - ESSILOR INT [FR]

Cited by

US6602110B2; CN105196274A; CN111185851A; EP1413938A1; DE102004047563A1; DE19756960B4; CN107139345A; CN114460900A; FR2805767A1; CN103192305A; US6865787B2; US7854645B2; US6558586B1; WO9740960A1; WO9921682A1; WO0166308A1; TWI410765B

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EP 0685298 A1 19951206; **EP 0685298 B1 19970820**; **EP 0685298 B2 20020807**; AT E157038 T1 19970915; DE 4412370 A1 19951019; DE 59403792 D1 19970925; ES 2107101 T3 19971116

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