

Title (en)  
Method for producing an optical lens

Title (de)  
Verfahren zum Herstellen von optischen Linsen

Title (fr)  
Procédé pour fabriquer des lentilles

Publication  
**EP 1393855 B1 20070207 (DE)**

Application  
**EP 03102667 A 20030828**

Priority  
DE 10240783 A 20020830

Abstract (en)  
[origin: EP1393855A1] The method involves a processing stage with cutting tool which works grooves into the workpiece (23) wherein the speed of the latter is raised or remains constant from a start value at the start of processing to an end value towards the end of processing whereby the speed is between 750 rpm and 6000 rpm, 750 rpm and 1500 rpm , 750 and 3000 rpm or between 1500 and 3000 rpm. The distance from two adjoining grooves is changed or remains constant from a start value at the start of processing to an end value at the end of processing and has a value between 0.05 mm and 0.2 mm, 0.05 mm and 0.1 mm or 0.15 mm and 0.2mm. The advancing speed in the radial direction of the workpiece is kept constant.

IPC 8 full level  
**B24B 1/00** (2006.01); **B23B 1/00** (2006.01); **B24B 13/00** (2006.01); **B24B 13/005** (2006.01)

CPC (source: EP)  
**B24B 1/00** (2013.01); **B24B 13/005** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1393855 A1 20040303**; **EP 1393855 B1 20070207**; AT E353268 T1 20070215; DE 10240783 A1 20040318; DE 10240783 B4 20050113; DE 50306452 D1 20070322; ES 2279931 T3 20070901

DOCDB simple family (application)  
**EP 03102667 A 20030828**; AT 03102667 T 20030828; DE 10240783 A 20020830; DE 50306452 T 20030828; ES 03102667 T 20030828