Title (en)
METHOD FOR OPHTHALMIC LENS MANUFACTURE

Title (de)
VERFAHREN ZUM HERSTELLEN VON OPTALMISCHEN LINSEN

Title (fr)
PROCEDE DE FABRICATION DE VERRE OPHTALMIQUE

Publication
EP 1409198 B1 20100728 (EN)

Application
EP 01903080 A 20010116

Priority
- US 0101389 W 20010116
- US 17665800 P 20000118

Abstract (en)
[origin: WO0153038A1] A method and system for the manufacture of ophthalmic lenses comprising a computer (102) and a CNC machining platform (104) in operative connection with the computer. The CNC machining platform includes a mounting stage (110), a block (106) in releasable connection with the mounting stage, and a machining tool (112). When an unfinished lens blank (108) is properly mounted on the block, the computer is operative to direct the CNC machining platform to perform both back surface generation and patternless edging of the lens blank in one machining cycle. The computer is further operative to direct the CNC machining platform to machine a lap tool for each lens and machine a block for receiving each lens. The block is machined by the platform to include scribe lines for facilitating proper alignment of lens blank.

IPC 8 full level
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Cited by
US10537944B2; WO2022076222A1; EP3019908B1; EP3918413B1; EP3111273B1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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WO 0153038 A1 20010726; AT E475509 T1 20100815; AU 3094301 A 20010731; CA 2396284 A1 20010726; CA 2396284 C 20100202; DE 60142707 D1 20100909; EP 1409198 A1 20040421; EP 1409198 A4 20070912; EP 1409198 B1 20100728; MX PA02006771 A 20040405

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