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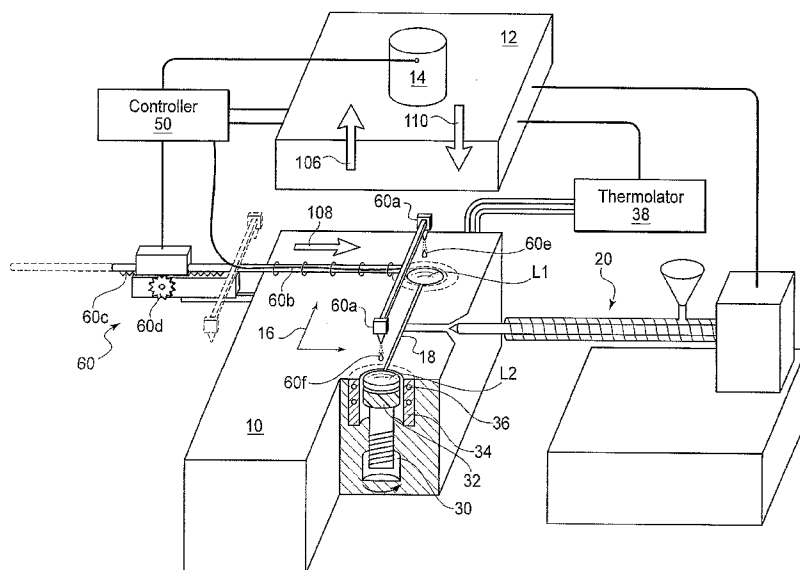
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(54) Title: A METHOD FOR COATING AN OPHTHALMIC LENS WITHIN AN INJECTION MOLDING MACHINE



(57) Abstract: A method for in-mold coating of an injection molded thermoplastic lens that resides in an injection molding machine oriented to a horizontal parting line(116). An optical lens(<1,<2) is initially formed by injecting molten thermoplastic resin into an edge-gated lens-forming cavity held closed under a primary clamp force. The mold (10, 12) is opened at a time when the lens is rigid enough to retain its shape. An unpressurized full metered charge of coating (60f) is applied onto the center of the lens. The coating is co-molded by ramping up the clamp force from zero to a secondary clamp force less than the primary clamp force to compress the coating into a uniformly thick, fringe-free layer.



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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER
INV. B29D11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B29D B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 582 248 A (CHARLES HAMPDEN CROOKS; WILLIAM ANTHONY GREENWOOD; DAVID STARKIE; HELM) 11 November 1946 (1946-11-11) page 4, lines 88-92; claims	1, 3-6, 13, 23, 31
A	US 6 180 043 B1 (YONEMOCHI KENJI [JP] ET AL) 30 January 2001 (2001-01-30) cited in the application claims	1
A	WO 03/031138 A1 (OMNOVA SOLUTIONS INC [US]) 17 April 2003 (2003-04-17) cited in the application claims	1



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