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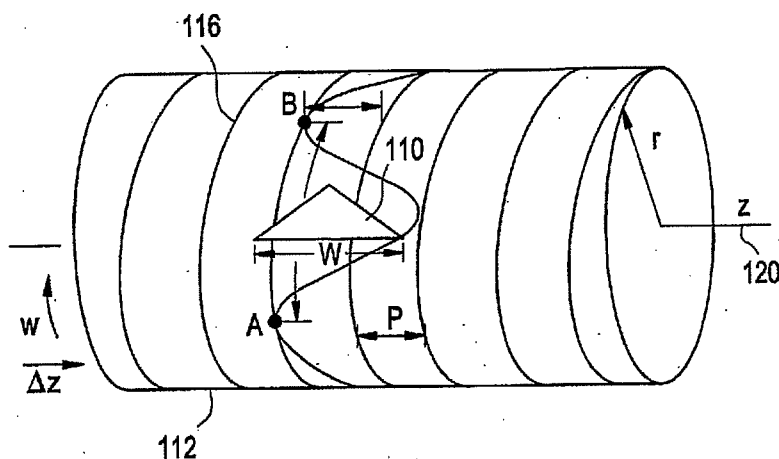
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- (71) Applicant (for all designated States except US): **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **OLCZAK, Eugene** [US/US]; 2575 Johnson Road, Glenville, NY 12302 (US).
LIANG, Erwin, W. [—/US]; 8 Gleneagles Blvd., Ballston Lake, NY 12019 (US).
- (74) Agents: **GNIBUS, Michael** et al.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
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(54) Title: METHOD AND APPARATUS FOR FABRICATING A LIGHT MANAGEMENT SUBSTRATES



(57) Abstract: A method of machining a surface of a workpiece (112, 114) is accomplished by bringing a cutting tool (110) into contact with the surface of the workpiece (112, 114) and for at least one cutting pass, i, causing relative movement between the cutting tool (110) and the surface of the workpiece along a path (116, 122) in the surface of the workpiece (112, 114). The path (116, 122) is in the nature of a mathematical function defined over a segment, C, of a coordinate system and characterized by a set of nonrandom, random or pseudorandom parameters selected from the group consisting of amplitude, phase and period or frequency. Relative movement between the cutting tool (110) and the surface of the workpiece (112, 114) may be accomplished by bandpass filtering a noise signal (104); providing the bandpass filtered signal (104) to a function generator (106); generating a randomly modulated mathematical function from the function generator; and in response to the randomly modulated function, directing the relative movement between the cutting tool (110) and the surface of the workpiece (112, 114) along the path (116, 122) in the surface of the workpiece.