

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 July 2004 (22.07.2004)

PCT

(10) International Publication Number
WO 2004/061536 A1

(51) International Patent Classification⁷: **G05B 19/18**,
G02B 5/00

(74) Agents: GNIBUS, Michael et al.; Patent Counsel, General
Electric Company, 3135 Easton Turnpike (W3C), Fairfield,
CT 06828 (US).

(21) International Application Number:
PCT/US2003/039178

(22) International Filing Date: 9 December 2003 (09.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/248,099 18 December 2002 (18.12.2002) US

(71) Applicant (for all designated States except US): GEN-
ERAL 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).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

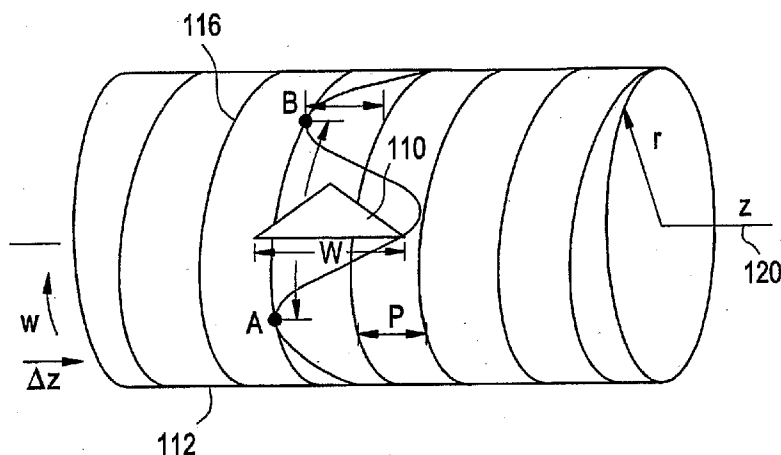
(84) Designated States (*regional*): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(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.

WO 2004/061536 A1



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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