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(71) Applicant: **ELECTRO SCIENTIFIC INDUSTRIES, INC.** [US/US]; 13900 Nw Science Park Drive, Portland, OR 97229 (US).

(72) Inventors: **LU, Guang**; 5808 Bay Point Dr., Lake Oswego, OR 97035 (US). **ALPAY, Mehmet**; 9385 Nw Embury Lane, Portland, OR 97229 (US). **TYLER, Mike**; 621 Se 57th Ave., Hillsboro, OK 97123 (US). **XU, Qian**; 5468 Nw 135th Ave., Portland, OR 97229 (US). **KLEINERT, Jan**; 11068 Sw Parkview Dr., Wilsonville, OR 97070

(US). **LIN, Zhibin**; 10743 Nw Harding Ct., Portland, OR 97229 (US). **BROOKHYSER, Jim**; 6221 Ne Wasco St., Portland, OR 97123 (US). **LO, Ho, Wai**; 14275 Nw Whistler Ln., Portland, OR 97229 (US). **EATON, Kurt, M.**; 2305 Rogue Way, West Linn, OR 97068 (US).

(74) Agent: **EATON, Kurt, M.**; Electro Scientific Industries, Inc., 13900 Nw Science Park Drive, Portland, OR 97229 (US).

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(54) Title: MULTI-AXIS MACHINE TOOL AND METHODS OF CONTROLLING THE SAME

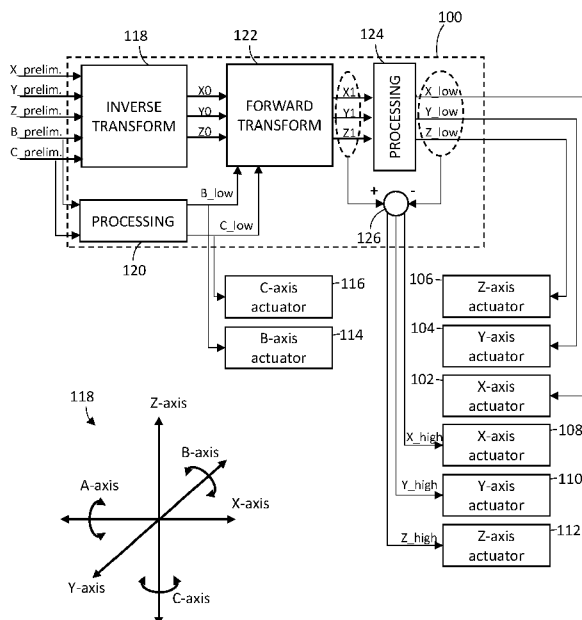


FIG. 1

(57) Abstract: One embodiment of the present invention can be characterized as a method for controlling a multi-axis machine tool that includes obtaining a preliminary rotary actuator command (wherein the rotary actuator command has frequency content exceeding a bandwidth of a rotary actuator), generating a processed rotary actuator command based, at least in part, on the preliminary rotary actuator command, the processed rotary actuator command having frequency content within a bandwidth of the rotary actuator and generating a first linear actuator command and a second linear actuator command based, at least in part, on the processed rotary actuator command. The processed rotary actuator command can be output to the rotary actuator, the first linear actuator command can be output to a first linear actuator and the second linear actuator command can be output to a second linear actuator.



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