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(71) Applicant (for all designated States except US): **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TEO, Tat Joo** [SG/SG]; Singapore Institute of Manufacturing Technology, 71 Nanyang Drive, Singapore 638075 (SG). **YANG, Guilin** [CN/SG]; Singapore Institute of Manufacturing Technology, 71 Nanyang Drive, Singapore 638075 (SG).

(74) Agent: **ELLA CHEONG SPRUSON & FERGUSON (SINGAPORE) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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(54) Title: A LINEAR-ROTARY ELECTROMAGNETIC ACTUATOR

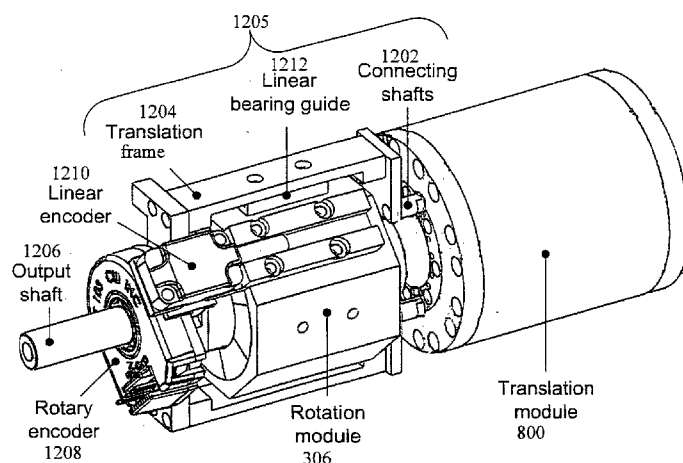


Figure 12

(57) Abstract: A linear-rotary electromagnetic actuator with a rotation module having an output shaft and a rotary encoder configured to sense rotary motion of the output shaft; and a translation module having a linear encoder configured to sense translational motion of the intermediate component; and an intermediate translator coupled between the rotation module and the translation module.

