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(71) Applicant (for all designated States except US): **ROLLS-ROYCE PLC** [GB/GB]; 65 Buckingham Gate, London SW1E 6AT (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **REGUNATH, Shane** [MY/GB]; 68 Cracknell, Riverside Exchange, Millsands, Sheffield S3 8NE (GB).

(74) Agent: **GUNN, Michael, Alan**; Rolls-Royce plc, 65 Buckingham Gate, London SW1E 6AT (GB).

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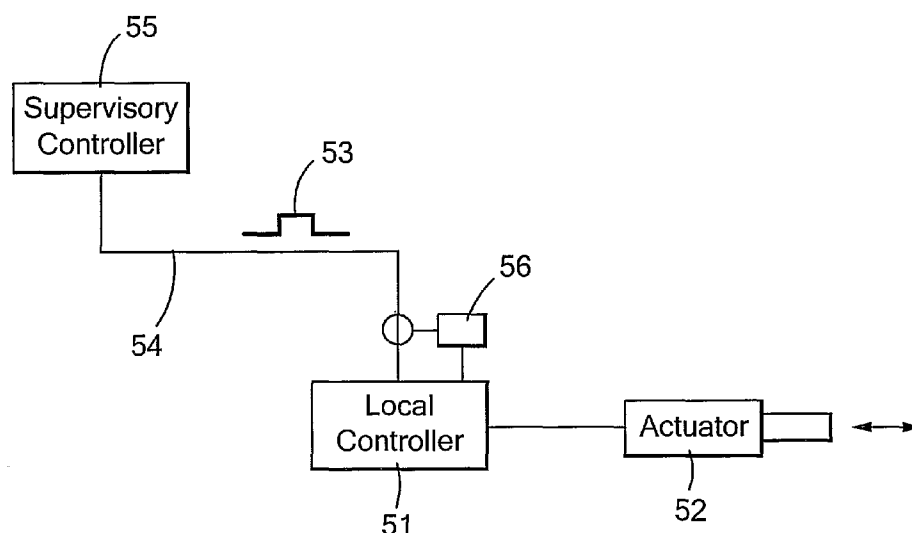
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(54) Title: AN ACTUATOR ARRANGEMENT AND A METHOD OF OPERATING AN ACTUATOR



(57) Abstract: Interruption in supervisory position control signals can cause problems with respect to actuators which upon loss of such control signals for the actuator will generally slew to a fixed idle position. In such circumstances a machine such as a gas turbine engine in which an actuator is associated will not sustain performance even though there is continued local power supply to the actuator. By utilising a local controller which stores actuator response profiles for certain machine status stages through perturbation or marginal activation of the actuator an appropriate actuator response profile can be chosen and therefore sustaining control signals presented to the actuator to maintain machine operation.

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