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(54) Title: GAS TURBINE ENGINE VARIABLE AREA FAN NOZZLE CONTROL

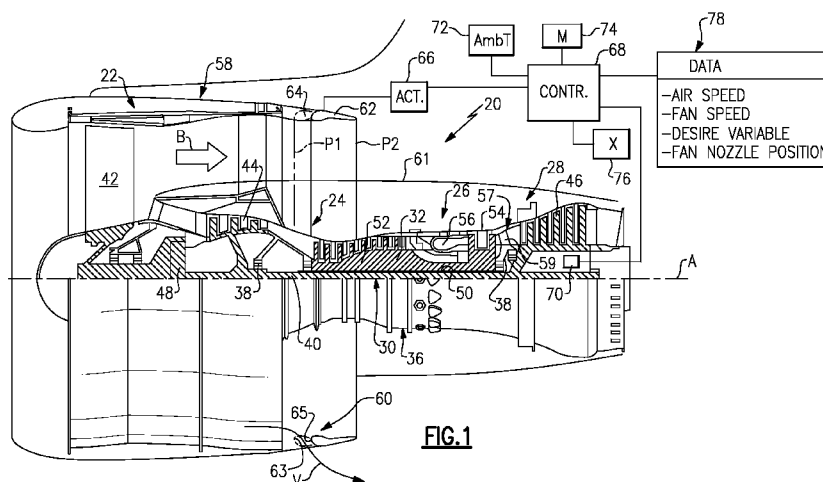


FIG. 1

(57) Abstract: A method of managing a gas turbine engine operating line includes detecting an air speed and a fan speed. A data table is referenced that includes a desired variable area fan nozzle position based upon air speed and fan speed. The detected air speed and detected fan speed are compared to the data table to determine a target variable area fan nozzle position. An actual variable area fan nozzle position is adjusted to the target variable area fan nozzle position.