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Davis

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(54) **ELECTRONIC SYSTEM**

(56) **References Cited**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 241 days.

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(57) **ABSTRACT**

(51) **Int. Cl.**
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An electronic system includes an electronic device and a heat exchanger for exchanging heat with the device. The heat exchanger includes a flow duct for receiving a fluid, at least a portion of the flow duct being arranged in thermal communication with the device. The system further includes a pump associated with the flow duct and a Venturi tube for reducing the pressure of the fluid in the portion of the flow duct to a value less than the pressure external to the duct, to minimize any leakage of the fluid onto the device in the event the portion of the flow duct develops a leak.

(52) **U.S. Cl.**
USPC **361/688**; 361/679.53; 361/698; 361/699;
165/80.4; 165/104.22; 165/104.33

(58) **Field of Classification Search**
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See application file for complete search history.

14 Claims, 4 Drawing Sheets

