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(54) **AIR-COOLED CARRIER FOR STORAGE
MODULES WITH COMPENSATED
AIRFLOW TO MAINTAIN COOLING OF
MOUNTED COMPONENTS**

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(71) Applicant: **Fulian Precision Electronics (Tianjin)
Co., LTD.,** Tianjin (CN)

(72) Inventors: **PAO-CHING WANG,** New Taipei
(TW); **KE-CHENG LIN,** New Taipei
(TW)

(57) **ABSTRACT**

An air-cooled carrier of heat-generating electronic components includes a frame, a plate, and baffles. The plate coupled to the frame divides airflow in the frame into two channels. Opposite sides of each channel along a first direction carry inlet and outlet. A pair of baffles is coupled to each channel, each baffle comprises a mounting part, an arc-shaped elastic part, and a blocking part. The mounting part is fixed to the frame and the arc-shaped elastic part and the blocking part is fixed to the arc-shaped elastic part and extends to middle of the airflow cavity in a second direction perpendicular to the first direction. In the absence of a mounted storage component, the elastic part bringing the blocking part to a first position and so blocking air flow from that outlet to that inlet.

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