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(54) **ELECTRONIC POWER CONVERTER
APPARATUS COMPRISING MUTUALLY
SUPERIMPOSED CONVERTER MODULES
AND A FORCED-VENTILATION COOLING
UNIT**

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(57) **ABSTRACT**

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An electronic power converter apparatus has a box-like body including first and second base walls joined by side walls and a bottom wall orthogonal to the base walls, and extending along a longitudinal direction to delimit a housing compartment accessible through an opening. A first converter module is proximal a first base wall and a second converter module is superimposed on the first converter module along the longitudinal direction. The converter modules have circuitry generating heat to dissipate electrical energy. A forced-ventilation cooling unit includes heat dissipation devices conveying cooling air entering into the box-like body and corresponding heated air exiting from the box-like body. A first heat dissipation device is in the first converter between the first side wall and a median plane of the box-like body. A second heat dissipation device is in the second converter module between the second side wall and the median plane.

