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OPTIMIZATION OF ACTIVE CORRECTOR ELEMENTS OF CURRENT FORM IN COMPOSITION OF HYBRID FILTER BY ALGORITHM OF SWITCHING OF INVERTER TRANSISTORS

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Abstract

The algorithm for switching transistors of the inverter of the active corrector of current form is defined, which allow to reduce the maximum frequency of their switching or the inductance of the reactor of the active corrector of current form in a hybrid filter, which consists of a cascade connection of a parallel active filter and a series-parallel passive LMC-filter. References 10, figures 5.

Key words: active corrector of current form, hybrid filter, inverter.

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