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(54) **POWER SYSTEM WITH ADAPTIVE** MINIMUM FREQUENCY

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> (57)ABSTRACT

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(51) Int. Cl. H02M 1/08 (2006.01)H02M 3/335 (2006.01) A power system with adaptive minimum frequency is disclosed. The power system includes a resonant converter and a control circuit. Under the control of the control circuit, the resonant converter works with an adaptive minimum frequency. The value of the adaptive minimum frequency is preset and is selected by an equivalent resistance or an output voltage of the resonant converter.

20

