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(12) **United States Patent**
Wu et al.

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(54) **POWER NOISE SUPPRESSION CIRCUIT**
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(57) **ABSTRACT**
The invention discloses a power noise suppression circuit applied to a power system. The power noise suppression circuit comprises at least one power noise to heat converter and at least one anti-power noise transmitted unit. When a power noise within a specific frequency band enters the power noise suppression circuit, the power noise to heat converter converts the power noise to a thermal energy, and the anti-power noise transmitted unit reflects the power noise within the specific frequency band to the power noise to heat converter. Accordingly, the power noise within the specific frequency band can be suppressed and absorbed in the power noise suppression circuit, so as to maintain the stability of the power system.

18 Claims, 21 Drawing Sheets

