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(72) Inventors:

- **SAKAKIBARA, Kenichi**
c/o Shiga Plant, DAIKIN INDUSTRIES, LTD.,
Kusatsu-shi, Shiga 5258526 (JP)
- **MECHI, Abdal**
c/o Shiga Plant, DAIKIN INDUSTRIES, LTD.,
Kusatsu-shi, Shiga 5258526 (JP)

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(71) Applicant: **DAIKIN INDUSTRIES, LTD.**

Osaka-shi, Osaka 530-8323 (JP)

(74) Representative: **HOFFMANN EITLE**

**Patent- und Rechtsanwälte
Arabellastrasse 4
81925 München (DE)**

(54) **CONVERTER CONTROL METHOD AND CONVERTER CONTROL DEVICE**

(57) In the present invention, a rectified voltage is controlled in accordance with variations in power supply voltage without having to separately provide a mechanism for detecting a peak value of the power supply voltage. A q-axis voltage command value (V_q^*) is generated in a proportioned amount to an end-to-end voltage (V_{dc}) of a smoothing capacitor (4). A d-axis current command value (I_d^*) is set to zero, and a d-axis voltage command value (V_d^*) is generated based thereon. A pulse width modulator (605) performs pulse width modulation based on the q-axis voltage command value (V_q^*) and the d-axis voltage command value (V_d^*), and generates a signal that controls switching of a pulse width modulation converter (3).

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