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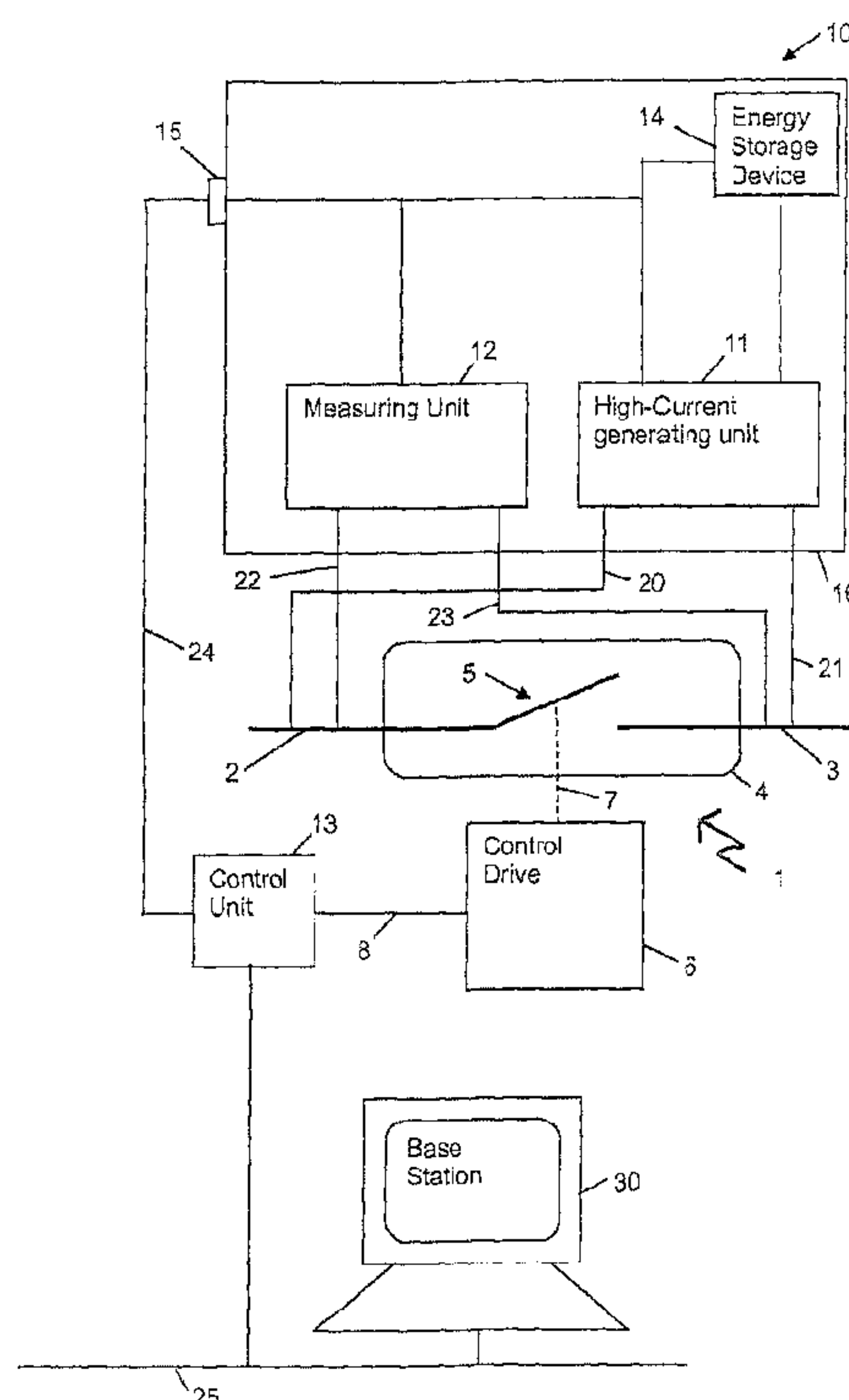
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(54) **Titre : MESURE DE LA RESISTANCE D'UN CONTACT DE COMMUTATION POUR UN DISJONCTEUR ELECTRIQUE**

(54) **Title: MEASUREMENT OF A RESISTANCE OF A SWITCHING CONTACT OF AN ELECTRICAL CIRCUIT BREAKER**



(57) **Abrégé/Abstract:**

The present invention relates to a measuring device (10) for measuring a resistance of a switching contact (5) of an electrical circuit breaker (1). The measuring device (10) comprises a high-current generating unit (11) for generating a measurement current for the resistance measurement, and a measuring unit (12) for registering a measurement signal at the circuit breaker (1) during the opening or closing of the switching contact (5), and for determining a time-based resistance course of the switching contact (5) during opening or closing, in dependence on the measurement current and the measurement signal.

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ABSTRACT

Measurement of a resistance of a switching contact of an electrical circuit breaker

The present invention relates to a measuring device (10) for measuring a resistance of a switching contact (5) of an electrical circuit breaker (1). The measuring device (10) comprises a high-current generating unit (11) for generating a measurement current for the resistance measurement, and a measuring unit (12) for registering a measurement signal at the circuit breaker (1) during the opening or closing of the switching contact (5), and for determining a time-based resistance course of the switching contact (5) during opening or closing, in dependence on the measurement current and the measurement signal.

(Fig.)

