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(54) **CLAMP METER WITH SAFE TRIGGER MECHANISM**

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See application file for complete search history.

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(\* ) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C.154(b) by 208 days.

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(57) **ABSTRACT**

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This invention provides a clamp meter with safe trigger mechanism which allows an operator to take electrical measurements of the conductors safely, particularly in case of the electrical conductor elements situated in congested or awkward locations and positions. In the preferred embodiment of the present invention, the trigger is placed at the underside of said clamp meter so as to allow convenient access to it for the fingers of a hand while the clamp meter is held in the hand. The trigger mechanism of the invention may be operated with single or multiple fingers. The invention also allows the hand to maintain its 'clinched-fist' position throughout the measurement process, thereby eliminating the need to open the hand any time during the process. The invention thus makes the electrical parameter measurement operation using clamp meters safer than for the conventional meters.

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