ABSTRACT OF THE DISCLOSURE

ELECTRIC POTENTIAL THERAPY APPARATUS AND CONTROL METHOD OF OPTIMAL DOSE AMOUNT FOR HUMAN BODY AREA

The present invention relates to an electric potential therapy apparatus for applying a high voltage to respective areas of a human body for treatment and control method of an optimal dose amount for a human body area. An electric potential therapy apparatus comprises an electric potential treatment device provided with a main electrode and an opposed electrode; a high voltage generation apparatus for applying a high voltage to these respective electrodes; induced current control means for causing an extremely small amount of induced current to flow in respective areas composing a human body trunk with control of the body surface electric field by varying the applied voltage to be applied to the main electrode and opposed electrode and the distance between the opposed electrode and the human body trunk surface; and a power source for driving the high voltage generation apparatus. A control method of an optimal dose amount for a human body area comprises the steps of: applying a high voltage to the electrode; controlling a dose amount of a product of an induced current value flowing in areas composing a human body trunk and an induced current flowing time; and supplying the dose amount to respective areas of a human body trunk.

Fig. 1