

ABSTRACT

APPARATUS FOR PRODUCING NEGATIVE AIR IONS

The present disclosure relates to an apparatus for producing negative air ions from a plant, comprising:- a power supply module; a voltage pulse module connectable to the power supply module, the power supply module being configured to provide a pre-determined input voltage V_{IN} to the voltage pulse module for generating a negative voltage pulse, and to adjust a reflected voltage pulse from the voltage pulse module; and a stimulating probe connected to the voltage pulse module and configured to transmit the negative voltage pulse to a root portion of the plant. The present disclosure also relates to a power supply device for use with the apparatus for producing negative air ions from a plant.

(Figure 1)