

Title (en)

ELECTRICAL SYSTEM FOR PROTECTING AND NOURISHING CROPS IN SOIL

Title (de)

ELEKTRISCHE ANORDNUNG ZUR BESCHÜTZUNG UND NAHRUNG VON ACKERPFLANZEN

Title (fr)

SYSTEME ELECTRIQUE DE PROTECTION ET DE NOURRITURE DE CULTURES DANS LE SOL

Publication

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Application

EP 97910334 A 19970923

Priority

- EP 9705209 W 19970923
- IT MI961949 A 19960923

Abstract (en)

[origin: WO9812912A1] A system is described for protecting plants cultivated in a plot of soil from microorganism and from infesting insects and for facilitating the growth and fructification of said plants without requiring the use of pesticides, fertilizers and/or other chemical products. This protection system is based on the combined effects of electrical fields created by means of electrodes (1) driven into the soil (2) along the perimeter of the plot, of electrodes (4, 5) buried at regular intervals in the soil (2), and of electrodes (6) located at a preset height above the soil (2); a voltage supply device (7) maintains preset differences of potential between the said electrodes (1).

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