

a 2006 0016

The invention relates to the field of quantum physics and may be used in agriculture, in particular for drying vegetative mass and plant seeds.

The process for vegetable mass and plant seed drying includes irradiation with electromagnetic waves of proper vibration frequency of the water molecule valence equal to 10^{14} s^{-1} , having the specific power of 0,35...0,95 J·m, oriented in the lower part of the plants to a stria of 2...3 cm.

The plant for realization of the process includes a power supply, installed onto a transport facility, a radiator and an electromagnetic wave concentrator installed into a reflector of parabolic form, the reflector being installed horizontally and having the slit width of 2...3 cm, positioned at the plant cut level.

The result consists in decreasing the power inputs, the material resources and the time in the biomass or seed harvesting and processing process.

Claims: 1

Fig.: 5