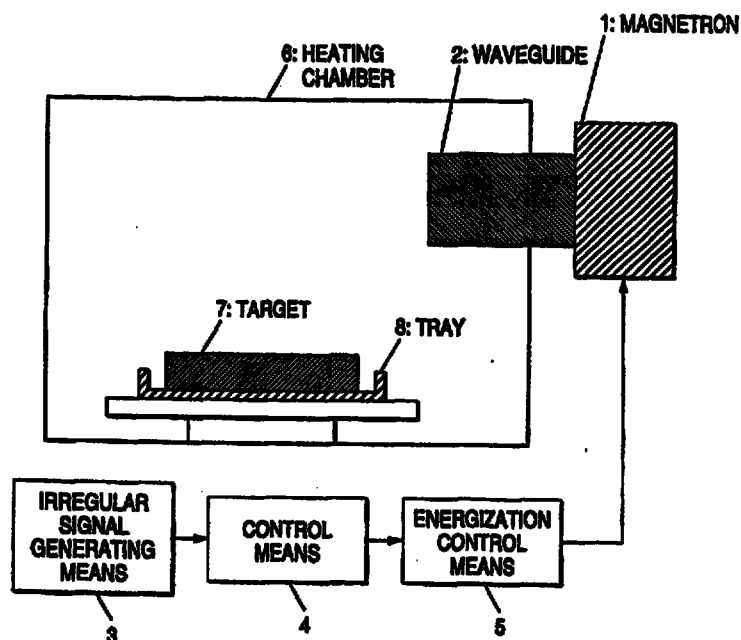




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(54) Title: MICROWAVE OVEN



(57) Abstract

A microwave oven comprising a defrosting step in which a target which must be heated is irradiated with microwaves which are irregular in terms of time at least when the phase of water in the target is shifted from a solid body to liquid. The microwave oven includes a magnetron for generating microwaves for dielectrically heating a target which must be heated; and a waveguide through which microwaves generated by the magnetron are propagated into a heating chamber, wherein a defrosting process is performed in such a manner that microwaves which are irregular in terms of time and which are in a chaos state are propagated through the waveguide at least when the phase of water in the target is shifted from a solid body to liquid.