

NOODLE COOKER

ABSTRACT OF THE DISCLOSURE

The invention realizes pulse combustion with a great turn down ratio, which is applicable to various controls and regulations in a noodle cooker. The noodle cooker of the invention heats water in a pot using a pulse combustor, which does not have a check valve for preventing back flow of combustion exhaust in its air supply system. A controller of the pulse combustor regulates the opening angle of a proportional electromagnetic valve for fuel supply and the rotating speed of a fan for air supply based on the water temperature detected by a temperature sensor and keeps the water temperature in the pot in a predetermined optimal range.