

ABSTRACT

The coffee machine for different coffee types requires no preheating time and consumes no energy in the standby mode. It essentially comprises a water supply chamber (1), a pump (5), a continuous flow heater (8) for heating the water and a brewing chamber (10) for receiving the coffee (10'). The continuous flow heater (8) has a low heat capacity and can therefore perform large temperature changes within a short time. In order to obtain the desired water starting temperature, use is made of a control loop. The unheated parts (9-12) along the water path between the continuous flow heater (8) and the coffee (10') are so designed that a minimum amount of heat energy is abstracted from the hot water, but at the same time the parts have an adequate strength.

(Fig. 1)