

ABSTRACT

The present invention relates to a boiler water supply preheater system which preheats water (boiler water supply (W2)) supplied to a boiler by a predetermined preheating means, wherein the preheating means is a Rankine cycle (R) (thermal cycle) which moves heat of a waste heat source (W1) in the boiler to the boiler water supply (W2) to perform preheating and drives a generator (r5) to generate electric power using a heat medium (M).