

ABSTRACT

ASH REMOVAL SYSTEM

5 An ash removal system for removing ash which accumulates on a heat transfer tube
group of a boiler includes: at least one pressure wave generation device for generating a
pressure wave; at least one movable nozzle configured to be capable of moving inside the
boiler, for discharging the pressure wave generated by the at least one pressure wave
generation device; a monitoring device for monitoring an accumulation state of ash which
10 accumulates on a heat transfer tube of the heat transfer tube group at each of a plurality of
positions inside the boiler; and a control device configured to control at least one of a position
or an orientation of a tip of each of the at least one movable nozzle on the basis of the
accumulation state monitored by the monitoring device.

15 (FIG. 1)