

PROCESSING LIQUID CIRCULATING APPARATUS

ABSTRACT OF THE DISCLOSURE

A processing liquid circulating apparatus includes an ultraviolet radiation applying unit and a cleaning unit for cleaning a water flow passageway from a waste liquid tank to a clear water pump. The ultraviolet radiation applying unit includes an ultraviolet lamp, a quartz glass tube defining therein a first space surrounding the ultraviolet lamp, such that gas can be introduced into and discharged from the first space, and a frame defining therein a second space surrounding the quartz glass tube, such that clear water can be introduced into and discharged from the second space. The cleaning unit has an oxygen charge unit for charging oxygen into the first space, a first pipe interconnecting the second space and the clear water tank, and a second pipe interconnecting the ultraviolet radiation applying unit and the waste liquid tank.

[Fig. 1]