

ABSTRACT

HOLLOW YARN FILM FILTERING APPARATUS

Provided is a hollow yarn film filtering apparatus (7) for filtering a stock solution by passing it through a hollow yarn film dipped in a treating bath (24). The hollow yarn film filtering apparatus (7) is characterized in that filtered liquid discharge passages (12a and 12b) are connected to a filtered liquid discharging header pipe (11) through ON/OFF valves (26a and 26b), respectively, in that the filtered liquid discharging header pipe (11) is connected to the suction port of a suction pump (25), in that an ON/OFF valve (30) is connected to the filtered liquid discharging header pipe (11) connected to the discharge port of the suction pump (25), in that back wash passages (29a and 29b) are connected through ON/OFF valves (28a and 28b), respectively, to a back wash header pipe (27) branched from between the ON/OFF valve (30) and the suction pump (25) of the filtered liquid discharging header pipe (11), and in that the back wash passages (29a and 29b) include a plurality of hollow yarn filtering film modules (16a and 16b), which communicate on the respective upstream sides of the ON/OFF valves (26a and 26b) of the filtered liquid discharge passages (12a and 12b) so that they are enabled to back-wash each other between the plural hollow yarn filtering film modules (16a and 16b) by the ON/OFF operations of the ON/OFF valves (26a, 26b, 28a, 28b and 30).