

ABSTRACT OF THE DISCLOSURE

FILTRATION MEDIA CLEANSING APPARATUS

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[Objective]

To improve the durability of a filtration media cleansing apparatus that cleanses filtration media for purifying liquids.

[Constitution]

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A cleansing apparatus (1) is equipped with: an upright outer cylinder (2); a screw conveyor (4) provided within the outer cylinder (2) so as to be rotatable, equipped with a spiral blade (18) for conveying filtration media introduced through an inlet (36) at the lower end of the outer cylinder (2) upward to an outlet (60) at the upper end of the outer cylinder (2) while scrubbing the filtration media; a drive section (6) that rotationally drives the screw conveyor (4); a control section (30) that controls the rotation of the drive section (6); an introducing pipe (38) that introduces the filtration media into the outer cylinder (2), and an expelling pipe (61) that expels the scrubbed filtration media from within the outer cylinder (2) to a filtration tank. A regulating blade (19) that regulates upward movement of the filtration media is provided above the outlet (60) coaxially with the screw conveyor (4) and about the periphery of a central shaft (20) thereof. A cleansing liquid introducing aperture (70) is provided above the regulating blade (19) within the outer cylinder (20).

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