

Title (en)
METHOD AND APPARATUS FOR REMOVING SLUDGE AND PURIFYING WASTE WATER

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Application
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Priority
SE 8803405 A 19880927

Abstract (en)
[origin: WO9003474A1] A method and a device for a disposal and a purification of sludge and waste water, comprising a mobile unit (1), preferably a tank truck having a sedimentation basin (3) with a ski table box (11) and a reject water space, isolated by means of perforated walls (16), and comprising a rotary screen drum (4), disposed upstreams of said sedimentation basin (3), and a sludge press, connected to said screen drum. Also, a tank for precipitation chemicals is connected to the screen drum. The waste water is purified, particularly as to the biochemically oxygen-consuming material. On its way to the sedimentation basin precipitation chemicals are added in order to precipitate phosphorus and the suspended substance from the waste water. The purified water flows into a ski table box and subsequently flows to the reject water space in order to drive an ejector pump and the water excess is returned to the waste water well.

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E03F 7/10

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BG64488B1; AT409488B; EP4012126A1; US8679335B1

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