

Title (en)
SOLID-BOWL SCREW CENTRIFUGE

Title (de)
VOLLMANTEL-SCHNECKENZENTRIFUGE MIT TELLEREINSATZ

Title (fr)
CENTRIFUGEUSE A VIS, A BOL PLEIN, A ASSIETTES

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Application
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Abstract (en)
[origin: WO02051550A1] The invention relates to a solid-bowl screw centrifuge, comprising the following: - a centrifugal drum with a drum casing (1) and a screw (2) comprising a screw body (3), which is surrounded by a screw blade (4) that forms several screw spirals, a conveyer path for transporting a material to be centrifuged being formed between the screw spirals; an inlet (12) into the centrifugal drum for the material to be centrifuged; at least one solid matter discharge and at least one liquid outlet (16). The invention is characterised in that a stack (9) of discs (11) is located in the centrifugal drum, the drum chamber (6) is sealed axially by a drum casing (1), the stack of discs (11) is located in a cylindrical section of the drum chamber with a substantially constant diameter and that the stack of discs (11) is mounted directly upstream of the liquid outlet (16), lying adjacent to and/or on the drum cover (7).

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