

Title (en)  
SOLID BOWL SCREW CENTRIFUGE

Title (de)  
VOLLMANTEL-SCHNECKENZENTRIFUGE

Title (fr)  
CENTRIFUGEUSE À VIS À PAROI PLEINE

Publication  
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Application  
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Abstract (en)  
[origin: WO202221668A1] The invention relates to a solid bowl screw centrifuge (1) comprising a housing (100) and a rotor (200) rotatably mounted in the housing (100), which centrifuge has at least the following: a. a rotatable drum (210) having an axis of rotation (D), said drum (210) having a cylindrical section (231) having a length L1 and a conical section (232) having a length L2, b. at least one first inlet (211) for feeding a suspension (SU) to be processed into the drum (210), c. at least one liquid outlet (217) arranged in the cylindrical section (231) of the drum (210) and at least one solids outlet (218) arranged in the conical section (232) of the drum, d. a screw (230) arranged in the drum and rotatable at a differential speed relative to the rotatable drum (210), the drum (210) and the screw (230) together forming the rotor (200), e. the solid bowl screw centrifuge having a second inlet (701) for supplying an additive (Z) to a solid phase (SP) within the drum (210).

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