

Title (en)  
SOLID BOWL SCREW CENTRIFUGE HAVING AN OVERFLOW WEIR

Title (de)  
VOLLMANTEL-SCHNECKENZENTRIFUGE MIT ÜBERLAUFWEHR

Title (fr)  
CENTRIFUGEUSE À VIS SANS FIN ET À BOL PLEIN, MUNIE D'UN DÉVERSOIR

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Application  
**EP 11794487 A 20111213**

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Abstract (en)  
[origin: WO2012089492A1] The invention relates to a solid bowl screw centrifuge having at least one device (23') for discharging clarified liquid out of a drum (3), a. wherein the device (23') has at least one or more through-passage openings (15) in a drum lid (17), b. wherein preferably the at least one through-passage opening (15) is assigned in each case a weir plate (19) which has and forms in each case an overflow weir (21) at its radial inner edge, c. wherein the weir plate (19) has a material cutout which forms at least a part of a discharging channel (25) or an entire discharging channel (25), and d. wherein the discharging channel (25) is formed such that it deflects a flow emerging from the drum at an angle > 0° with respect to the rotational axis.

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