

Title (en)  
SOLID BOWL SCREW CENTRIFUGE COMPRISING A DISTRIBUTOR

Title (de)  
VOLLMANTEL-SCHNECKENZENTRIFUGE MIT VERTEILER

Title (fr)  
ESSOREUSE A VIS SANS FIN, A BOL PLEIN, MUNIE D'UN DISTRIBUTEUR

Publication  
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Application  
**EP 01996435 A 20011009**

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Abstract (en)  
[origin: WO0240175A1] The invention relates to a solid bowl screw centrifuge comprising a centrifuging chamber (19) having a rotating screw (1) and a likewise rotating drum (21) surrounding the centrifuging chamber (19), in addition to a distributor (15) which is preferably embodied as a tube and is used to introduce the material to be centrifuged (S) into the centrifuging chamber (19). Said distributor is oriented in a angular manner, especially perpendicularly, in relation to the central axis (A) of the screw (1). The material to be centrifuged is guided through an axially extending inflow tube (13) into the distributor (15). At least one wall (15a) of the distributor is provided with a surface structure consisting of projections (27) in such a way that the main part of the material to be centrifuged (S) which passes through the distributor must flow around at least one of the projections (27) on the at least one wall (15a) on the radial path from the inflow tube (13) to the centrifuging chamber (19).

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