

Title (en)  
Process for operating a screw centrifuge

Title (de)  
Verfahren zum Betrieb von Schneckenzenrifugen

Title (fr)  
Procédé de fonctionnement des centrifugeuses à vis

Publication  
**EP 0711607 B1 20000712 (DE)**

Application  
**EP 95116855 A 19951026**

Priority  
DE 4439938 A 19941109

Abstract (en)  
[origin: EP0711607A1] A process for operating a worm centrifuge for sepg. liq.-solid mixts. in light (liq.) and heavy (solid) materials, consists of a cylindrical centrifuge drum with a conical drum end, which can be rotated about its longitudinal axis. The drum wall surrounds an advancing worm and has an outlet for the sepd. material. The radial spacing of the outlet opening from the drum axis is less than the spacing of the drum wall from the axis. The rotational speeds of the centrifuge drum and the advancing worm are almost the same when the unit is turned off, and heavy materials remain in the unit. When the unit is started up, the rotational speeds are the same. The worm speed is adjusted once the min. drum speed is reached.

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