

Title (en)
Method for operating a centrifuge

Title (de)
Verfahren für den Betrieb einer Zentrifuge

Title (fr)
Procédé de fonctionnement d'une centrifugeuse

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Application
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Abstract (en)
[origin: US2009045147A1] The present invention relates to a process for operating a centrifuge which has a drive shaft used for loading, a drum which is connected to the drive shaft and has a drum casing and a drum base, a filter with a working region situated within the filter, an annular space formed between the filter and the drum casing, at least one drum base opening which is formed in the drum base and opens out into the annular space, and at least one swirl nozzle which is arranged in such a manner that it injects a fluid through the at least one drum base opening into the annular space. The process according to the invention includes the steps of loading a product suspension into the working region through the drive shaft, centrifuging the product suspension and drying the product suspension, wherein the drum rotates continuously during drying, and a fluid is injected into the drum through the annular space by means of the at least one swirl nozzle, and the rotational speed of the drum during drying is selected such that a product cake formed in the drum does not collapse.

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