

Title (en)

CENTRIFUGE AND METHOD FOR MAINTAINING A PROCESS LIQUID USING A CENTRIFUGE

Title (de)

ZENTRIFUGE UND VERFAHREN ZUR AUFRECHTERHALTUNG EINER PROZESSFLÜSSIGKEIT MIT EINER ZENTRIFUGE

Title (fr)

CENTRIFUGEUSE ET PROCÉDÉ DE MAINTIEN DE LIQUIDE DE TRAITEMENT À L'AIDE D'UNE CENTRIFUGEUSE

Publication

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Application

EP 18741522 A 20180115

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Abstract (en)

[origin: WO2018133908A1] The invention relates to an apparatus for removal of particles (4) from a process liquid (5), said apparatus comprising an inner centrifuge surface (3) with a rotational axis and a motor (1) which via a shaft is connected to the centrifuge surface (3), said motor (1) having means for driving the centrifuge with high revolution speed, so that the process liquid (5) can be brought against the inner centrifuge surface (3), where particles with higher density than the liquid will be able to settle against the inner centrifuge surface, said apparatus being novel in that it comprises a second motor (2.4) that possesses means for driving the centrifuge with a low revolution speed and a high torque, so that process liquid can escape the centrifuge surface by means of gravity, and where there is also provided a movable scraper (6) which via an actuator (6.2) is adapted to be moved between a position, in which there is a clearance in relation to the centrifuge surface and a position, in which it is in engagement with the centrifuge surface.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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