

Title (en)

SOLID BOWL CENTRIFUGE HAVING AN ENERGY-RECOVERY DEVICE

Title (de)

VOLLMANTELSCHNECKENZENTRIFUGE MIT EINER ENERGIERÜCKGEWINNUNGSEINRICHTUNG

Title (fr)

CENTRIFUGEUSE À VIS SANS FIN À BOL PLEIN MUNIE D'UN DISPOSITIF DE RÉCUPÉRATION D'ÉNERGIE

Publication

EP 2874753 A1 20150527 (DE)

Application

EP 13731280 A 20130516

Priority

- DE 102012014563 A 20120723
- DE 2013100183 W 20130516

Abstract (en)

[origin: WO2014015851A1] In a solid bowl centrifuge having a centrifuge drum which can be rotated about a longitudinal axis, having at least one outlet (14) for letting clarified matter out of the centrifuge drum, and having an energy-recovery device (10), which is arranged at the outlet and is intended for recovering energy from the clarified matter which has been let out, it is possible, during operation of the solid bowl centrifuge, for the centrifuge drum to rotate in a first direction of rotation and in a second direction of rotation, which is counter to the first direction of rotation. The energy-recovery device here, according to the invention, has a first active surface (20), via which clarified matter can flow off upon rotation of the centrifuge drum in the first direction of rotation, and a second active surface (22), via which clarified matter can flow off upon rotation of the centrifuge drum in the second direction of rotation.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014015851A1

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Designated extension state (EPC)

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DOCDB simple family (application)

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