

Title (en)

CENTRIFUGE WITH A CENTRIFUGAL DRUM SUBDIVIDED INTO A PEELING CHAMBER AND A HYDROHERMETIC CHAMBER

Title (de)

ZENTRIFUGE, DEREN SCHLEUDERTROMMEL EINE SCHÄLKAMMER UND EINE HYDROHERMETIKAMMER AUFWEIST

Title (fr)

CENTRIFUGEUSE, DONT LE PANIER CENTRIFUGE PRESENTE UNE CHAMBRE D'EPLUCHAGE ET UNE CHAMBRE HYDROHERMETIQUE

Publication

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Application

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Abstract (en)

[origin: US6015375A] PCT No. PCT/DE97/01490 Sec. 371 Date Jul. 17, 1998 Sec. 102(e) Date Jul. 17, 1998 PCT Filed Jul. 15, 1997 PCT Pub. No. WO98/05431 PCT Pub. Date Feb. 12, 1998A centrifuge has a centrifugal drum with a peeling chamber and a hydrohermetic chamber (locking chamber) (7). The centrifuge is so designed that solids deposited at the periphery (outer bottom 19) of the locking chamber (7) are carried away with the overflow stream of the sealing liquid or/and with the flow of the cleaning medium during CIP method of the space located between the centrifugal drum (2) and the centrifuge housing. A second locking chamber lid (1) is located between a locking disk (9) of the locking chamber (7) and a lid (17) for forming with the first lid a flow channel (20) for carrying away solids deposited on the outer bottom of the locking chamber via an overflow weir (16). The centrifuge is used in the field of separation technology, in particular when high hygienic requirements are applied, e.g. in the field of the foodstuff industry.

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