

Title (en)
LAMINAR FLOW CENTRIFUGAL SEPARATOR

Title (de)
ZENTRIFUGALABSCHIEDER MIT LAMINARFLUSS

Title (fr)
SEPARATEUR CENTRIFUGE A FLUX LAMINAIRE

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Application
EP 13735231 A 20130627

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Abstract (en)
[origin: WO2014001469A1] The invention relates to a centrifugal separator, the rotating bowl (1) of which is provided with tapered structures divided into sectors (7) separated by angularly offset gaps (9) so as to promote a uniform and spiral flow of fluid therein, said flow being laminar and greatly enhancing the efficiency of the separation. In the case of two-phase or three-phase suspensions, a cake is obtained on the side wall (8). A scraper (15) rotating at a slightly different speed can be added so as to simultaneously enable said solid cake to be directed toward the outlet and continuous operation.

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B04B 1/08 (2006.01); **B04B 7/14** (2006.01)

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