

Title (en)
SELF-EMPTYING SEPARATOR FOR THE GENTLE DISCHARGE OF SHEAR-SENSITIVE PRODUCTS, AND METHOD FOR OPERATING SAME

Title (de)
SELBSTENTLEERENDER SEPARATOR ZUM SCHONENDEN AUSTRAG VON SCHEREMPFINDLICHEN PRODUKTEN SOWIE VERFAHREN ZU SEINEM BETRIEB

Title (fr)
SÉPARATEUR À VIDANGE AUTOMATIQUE POUR L'ÉVACUATION EN DOUCEUR DE PRODUITS SENSIBLES AU CISAILLEMENT ET PROCÉDÉ POUR LE FAIRE FONCTIONNER

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Application
EP 18710435 A 20180308

Priority
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• EP 2018055726 W 20180308

Abstract (en)
[origin: WO2018177710A1] A self-emptying separator (1), which has a rotatable drum (2) with an inlet (8), with at least one liquid outlet (9) with outlet openings (3) for solid material (F) and a control system (23), in which a flowable starting product (AP) is cleared of the solids (F) in continuous operation in a centrifugal field in the rotating drum (2), wherein a continuous discharge of at least one cleared liquid phase – a clear phase (KP) – takes place and wherein by means of the outlet openings (3) a discharge of a solid phase (F) – referred to as solids emptying – from a solids collecting space (11) of the drum (2) into an annular solids catcher (13) takes place, is characterized in that the solids catcher (13) has a device for generating a fluid curtain (20) against which the solids (F), issuing from the outlet openings (3) for solid material (F), impact.

IPC 8 full level
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Citation (search report)
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