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Publication  
**EP 4237157 A1 20230906 (DE)**

Application  
**EP 21802259 A 20211028**

Priority  
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Abstract (en)  
[origin: WO2022090370A1] A self-draining separator for the centrifugal separation of a suspension S into at least one light liquid phase LP, a heavy solid phase SP and a moderately heavy intermediate phase IP, which separator comprises at least the following: a) a centrifuging drum (1) which can be rotated about a rotational axis D and into which the suspension S to be processed can be introduced, b) at least one liquid discharge (9) for the light liquid phase, c) at least one or more discontinuously active solid matter discharge opening/openings (13) for the heavy solid phase SP, to which at least one first actuatable discharge device (15) is assigned, by way of which the at least one or more solid matter discharge opening/openings (13) can be discontinuously opened and closed again, and d) at least one or more discontinuously active discharge opening/openings (25) for the intermediate phase IP, to which at least one second actuatable discharge device (26) is assigned, by way of which the at least one or more discharge opening/openings (25) for the intermediate phase IP can be discontinuously opened and closed again, characterized e) in that the second discontinuously active discharge device (26) can be actuated independently of the first discontinuously active discharge device (15), with the result that the discharge of the intermediate phase IP can take place temporally independently of the discharge of the solid phase SP.

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CPC (source: EP US)  
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