

Title (en)
Decanter centrifuge.

Title (de)
Dekantierzentrifuge.

Title (fr)
Centrifugeuse décanteuse.

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Application
EP 91100071 A 19910102

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Abstract (en)
A decanter centrifuge used for solid-liquid separation of a feed solution containing suspended solids. According to a preferred embodiment, plural number of clarified liquid discharge ports (4) are formed on a bowl-head (3) of a rotating bowl (1). On the other hand, a ring-shaped weir (5) is mounted on the bowl-head (3), coaxially has a ring-shaped overflow cavity communicating with each liquid discharge port (4) and is provided with a peripheral opening directing the rotative axis of the bowl-head. Additionally, plural number of reducing blades (6) are provided in the ring-shaped overflow cavity in a radial form from the rotative axis of the bowl-head. Then, the cavity is divided into plural number of portions while each reducing blade (6) is fixed to the inner face of the ring-shaped weir (5). Due to the reducing blades, appropriate quantity of the clarified liquid is overflown.
<IMAGE>

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CPC (source: EP)
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Cited by
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