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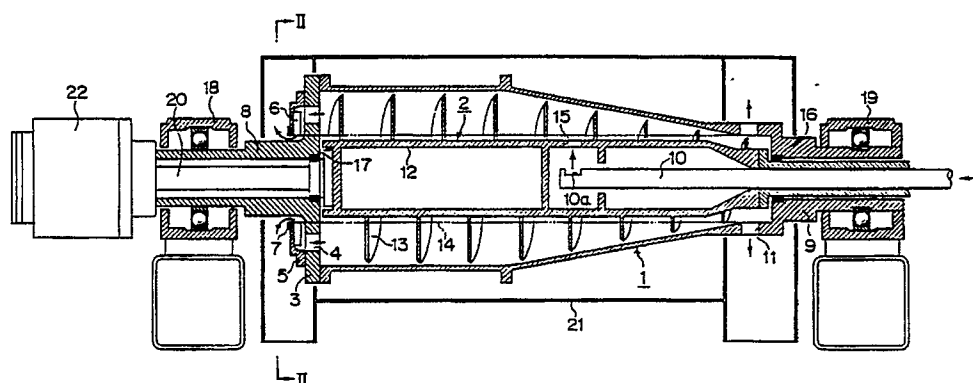
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54 **Decanter centrifuge.**

57 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 overflowed.

FIG. 1



EP 0 447 742 A3



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	GB-A-2 088 255 (BIRD MACHINE CY.) * page 4, line 120 - page 5, line 5 ** page 6, line 118 - page 6, line 121 ** page 7, line 104 - page 7, line 109; figures 3,10,17 *	1,2	B 04 B 1/20
A	US-A-3 423 015 (F. O a CONOR) * column 2, line 66 - column 3, line 15; figures 1,2,2A *	1-3	
A	DE-B-2 901 607 (WESTFALIA SEPARATOR AG.) * column 4, line 59 - column 4, line 62 *	1,3	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 04 B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 20 September 91	Examiner VERDONCK J.C.M.J.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			