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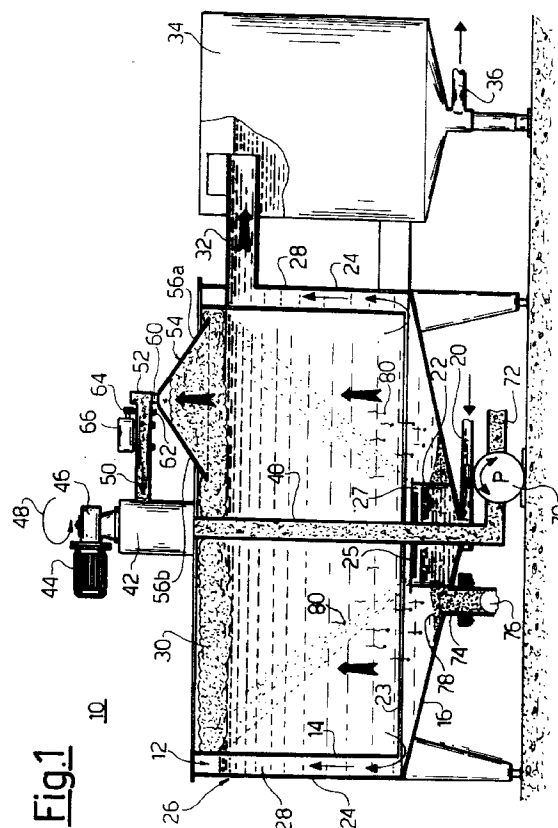
(71) Applicant : **VELO Spa**
Via Piave 55
I-31030 Altivole, Treviso (IT)

(72) Inventor : **Velo, Antonio**
Via Madonette 38
I-31030 Caerano San Marco (Treviso) (IT)

(74) Representative : **Dragotti, Gianfranco et al**
SAIC BREVETTI s.r.l.
Via Paris Bordone 9
I-31100 Treviso (IT)

(54) Flotation device with foam sucking means.

(57) A flotation device for the suction of floated masses comprising a first inner tub (12) vertically arranged and communicating at the bottom with a second outer tub (26) which surrounds the first tub (12) and operates as a manifold for clarified liquid, the second tub communicating with a collector reservoir (34) for clarified liquid. At the middle of the first tub (12), the flotation device bears a column (40) extending above an upper edge of the inner tub (12) and sustaining a support (42) for a motorized arm (50) which can be oriented and ending with a suction hood (54) which can also be oriented by driving means (66) arranged on the arm (50); the column (40), the arm (50) and the suction hood (50) being hollow, connected among them and to a pipe (68) for the draining of floated particles. The pipe (68) is connected to a reverseble volumetric pump (70) which provides both for the removal of the floated particles and for the inlet of washing water in order to carry out periodic cleaning of the same flotation device.





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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)
X	EP-A-0 441 230 (OZAWA) * page 3, line 41 - page 4, line 12; figures *	1-4	B03D1/14 C02F1/24
A	---	6,9,11	
X	US-A-3 769 207 (BAER) * column 3, line 18 - column 4, line 46; figures *	1,2	
A	-----	3,4,6,9	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			B03D
Place of search THE HAGUE		Date of completion of the search 12 January 1995	Examiner Van der Zee, W
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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