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(54) **POOL CLEANING ROBOT**

(57) A pool cleaning robot for cleaning a pool that may include a filtering unit; a housing; an impeller; a pump motor for rotating the impeller; a drive system; and an interface for coupling an extraction element to

the pool cleaning robot, during a pool exit process; and wherein during at least a part of the pool exit process an upper end of the interface is higher than the housing.

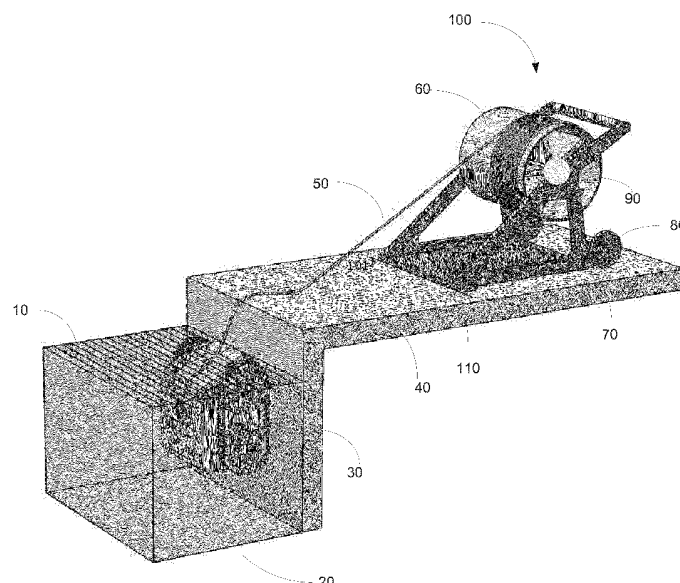


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number

EP 24 20 1618

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	FR 2 742 351 A1 (HEXAGONE [FR]) 20 June 1997 (1997-06-20) * claim 1; figures 4A,4B *	1-17	
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			TECHNICAL FIELDS SEARCHED (IPC)
			E04H B66B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		12 December 2024	Rosborough, John
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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