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Chain cutter excavator.

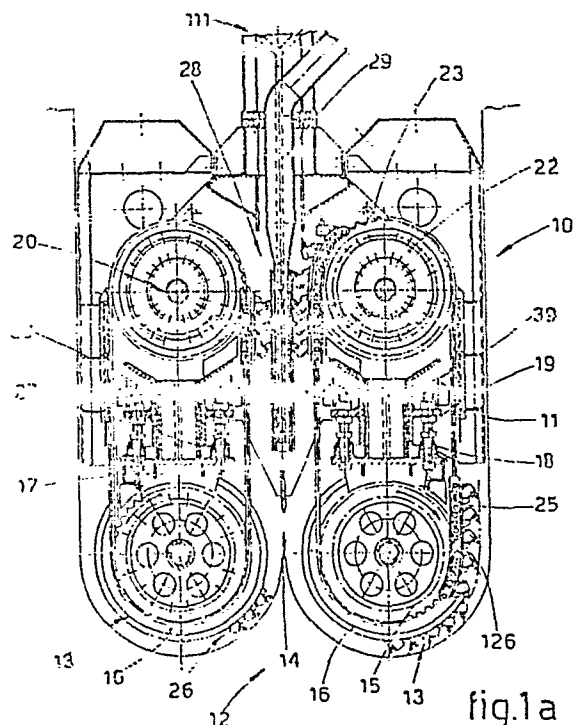
This invention concerns a cutter bucket (10) able to work in any kind of ground and to make ditches, trenches, wells, excavations for partition walls, etc. which comprises:

excavation means (12) consisting of two pairs of rotatable tools (13) having their axes parallel to each other and substantially parallel to the excavation face (24), such tools (13) being provided peripherally with means (26) to attack the earth, the means (26) to attack the earth of one pair of tools passing near the means (26) to attack the earth of the other pair,

hydraulic motor means (20) arranged above the excavation means (12),

chain means (25) driven by the hydraulic motor means (20) and driving the excavation means (12) by an inner gear wheel (15), the chain means (25) being provided with independent means (26) to attack the ground, and

pneumatic means (28) to withdraw debris, in which cutter bucket (10) the hydraulic motor means (20) comprise on their outer periphery ring gear means (23) to drive the chain means (25), and the means (26) to attack the ground, being supported by the chain means (25) and by the rotatable tools (13), form a substantially continuous excavation face (24) stretching at least to the periphery of the cutter bucket (10).





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. ³)
A,D	US-A-3 710 878 (ENDO) * Column 3, line 45 - column 5, line 65; figures 1-5 *	1	E 02 F 5/20 E 21 B 11/06

A,D	US-A-3 894 587 (SOURICE) * Column 2, line 52 - column 3, line 33; figures 1,2 *	1	

			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			E 02 F E 21 B E 21 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-04-1984	Examiner RAMPPELMANN J.
CATEGORY OF CITED DOCUMENTS		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	
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		& : member of the same patent family, corresponding document	