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(54) **Soil compactor.**

(57) A soil compactor (1), comprising: a frame (2) which supports at least a front cylindrical roller (3, 4) and at least a rear cylindrical roller (5) with horizontal axes (X; Y), able to be disposed resting on the soil (S) to be

compacted; a driving group (6) for one or more of the rollers; a steering group (7) of the compactor. The driving group (6) comprises one or more electric motors (8, 9) mechanically coupled with at least one of the rollers (5) and electrically connected to electric feeding means (40).

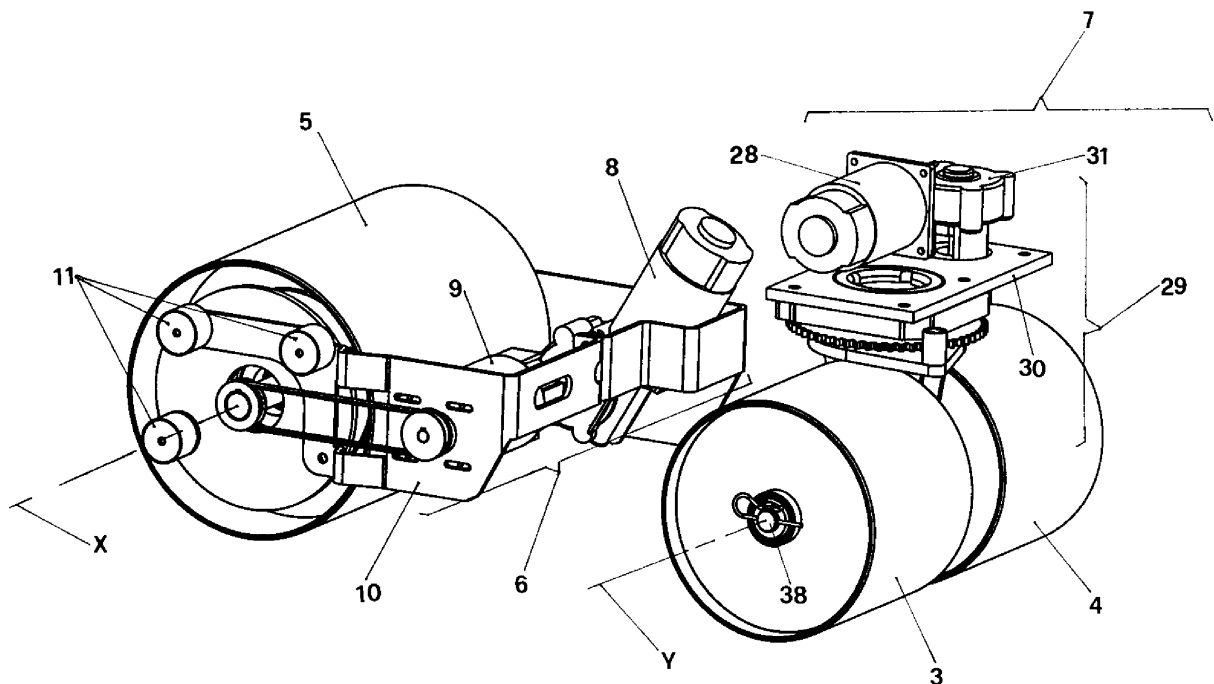


FIG. 5

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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 (IPC)
X	DE 102 35 976 A1 (CATERPILLAR INC [US]) 28 May 2003 (2003-05-28)	1-3	INV. E01C19/28 E02D3/074
A	* paragraphs [0015] - [0022] * * figures 1,2 *	9,10,12	
Y	----- US 3 814 531 A (CARNAHAN J ET AL) 4 June 1974 (1974-06-04)	1-4,9, 10,12, 15,16	
Y	----- DE 21 33 454 A1 (MOZDZANOWSKI JOACHIM) 18 January 1973 (1973-01-18)	1-4,9, 10,12, 15,16	
A	----- FR 1 338 980 A (GRAILLOT) 4 October 1963 (1963-10-04) * the whole document *	12,13	
			TECHNICAL FIELDS SEARCHED (IPC)
			E02D E01C
-The present search report has been drawn up for all claims-			
Place of search Munich		Date of completion of the search 26 February 2007	Examiner Kerouach, May
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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EPO FORM 1503 03.82 (P04C01)

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- 1-4, 6, 7, 9-13, 15, 16



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-4,6-13,15,16

see 1.1, 1.2 and 1.3

1.1. claims: 2-4,9-13

A compactor having the rear cylindrical roller, the traction electric motor and the vibration electric motor being supported by a single counter-frame, provided with elastic means for its connection to the frame of the compactor.

1.2. claim: 15

A compactor wherein the electric feeding means for the driving group consists of a battery of accumulators.

1.3. claim: 16

A compactor comprising a liquid container supported by the frame of the compactor and provided with conduits able to convey said liquid at one or more of the cylindrical rollers.

2. claims: 5-8,14

A compactor having a steering group comprising at least a steering electric motor, coupled with a steering kinematic mechanism mechanically connected to at least one of the cylindrical rollers.

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 04 10 4908

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on

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26-02-2007

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