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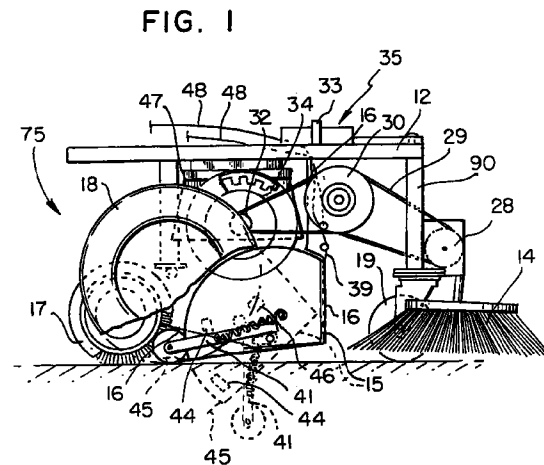
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(54) **Large-scale cleaning vehicle**

(57) A large-scale cleaning vehicle (75), for operation with a forklift (9), includes rotation brushes (14) for sweeping debris toward a center of said cleaning vehicle (7-5), a sweeping brush (17) for sweeping the debris into a debris collection box (15) and a fan (34) for pulling said debris into said debris collection box (15) without the need for a motor in the cleaning vehicle. Each of the rotation brushes (14), the sweeping brush (17), and the fan (34) are rotatably connected to a rear wheel (18) of the cleaning vehicle such that when the cleaning vehicle is moved, the brushes and fan are rotated. The cleaning vehicle further includes a vertical adjustment for the rotation brushes (14) to lift them when they are not needed, a lateral adjustment for the rotation brushes (14) to adjust a width of sweeping, an audible warning (91) for pedestrians, a water sprinkler system (83) to aid in the cleaning process, and a large-scale trash removal brush (74) mounted in front of the cleaning vehicle to push large-scale trash.



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EUROPEAN SEARCH REPORT

Application Number  
EP 97 10 7835

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.6)
A	DE 21 50 496 A (CROKER EDGAR ALFRED)  * the whole document * ---	1,4, 9-11,16, 21	E01H1/08 E01H1/05 E01H1/04 E01H1/02
A	AU 586 891 B (MAC PAC SALES & SERVICE PTY LT) * the whole document * ---	1,4,10, 11,21	
A	AU 533 030 B (KYLE A H)  * the whole document * ---	1,4,9, 11,16,21	
A	GB 1 524 953 A (LEEFORD LONDON LTD)  * the whole document * ---	1,4,9, 11,21	
A	EP 0 243 512 A (SCHMIDT ALFRED ING GMBH) * figure * -----	10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E01H
-The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		12 November 1997	DIJKSTRA, G
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 ..... & : member of the same patent family, corresponding document	
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			

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**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.
- 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:

1-5, 9-21



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: 1-5,9-21

Cleaning vehicle with collecting means and means for connection to a forklift.

2. Claims: 6-8

Trash removal device to be attached to a cleaning vehicle