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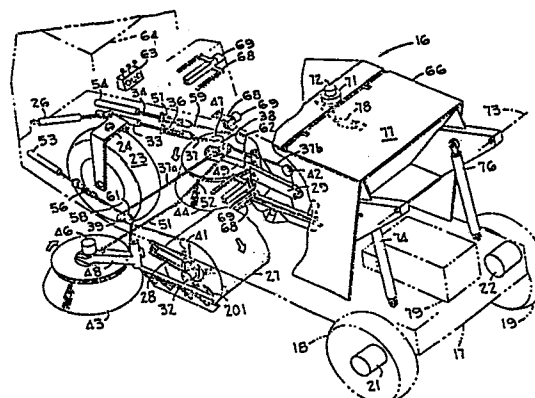
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54 Improved debris system for street sweepers.

57 A street sweeper (16) has floating support apparatus for supporting both a pick-up broom (27) and a pair of laterally and forwardly disposed gutter brushes (43, 44) beneath a sweeper framework (17) and for providing controlled broom and brush pressures on the surface being swept. A ball bushing (91a, b) and vertical shaft (86) provide gutter brush suspension and spherical bearings and support arms (28, 29) provide pick-up room suspension. The gutter brushes (43, 44) and pick-up broom (27) are directly driven by hydraulic motors (32, 46, 47) mounted on their respective suspension structures. Debris is directed inwardly on the swept surface by the gutter brushes (43, 44) toward the path of the pick-up broom (27). Laterally disposed dirt shoes (191) lie adjacent the ends of the pick-up broom (27) to prevent debris from flowing around the ends of the broom (27) whereby debris is further guided inwardly toward the pick-up broom (27) for propulsion toward an elevator (66) for transfer into a framework mounted debris hopper (66).





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EUROPEAN SEARCH REPORT

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EP 85 11 5620

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.4)
A	US-A-4 320 552 (DICKSON) * Column 2, line 58 - column 5, line 34; figures 1-4 *	1	E 01 H 1/04
A	EP-A-0 029 347 (HESTAIR EAGLE) * Page 10, line 3; page 16, line 27; figures 1-4 *	1	
A	US-A-3 436 788 (TAMNY) * Column 2, line 56 - column 5, line 10; figures *	1	
A	AU-B- 416 460 (DEOGH et al.) * Page 4, line 29 - page 11, line 16; figures *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E 01 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-06-1986	Examiner DIJKSTRA G.
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			