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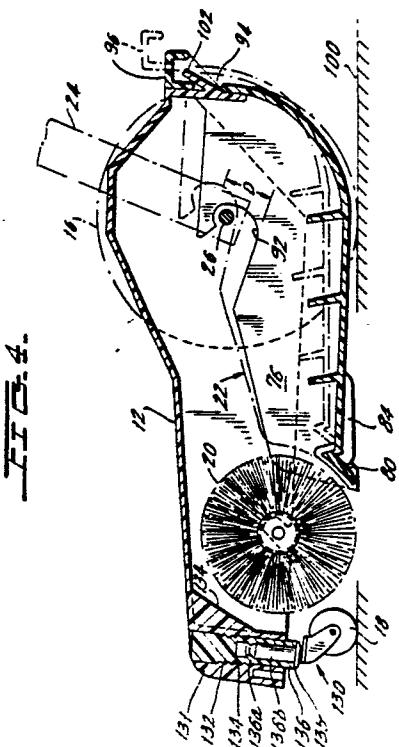
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54) Rotary brush sweeper with easily separable debris pan.

57) A rotary brush sweeper (10) includes a debris pan (22) with an inlet portion that glides on a surface (100) being cleaned. The debris pan (22) automatically disengages from the sweeper (10) upon being engaged by an obstacle in the path of the sweeper. Rotary brooms (20) may be attached to the left and right front sides of the sweeper. The support structure (58) for the front wheel (18) provides broom-to-ground height adjustment for the side brooms (20). Additionally, brush-to-ground height adjustment is obtained through a support structure (130) for the front wheel (18). The axle (55) of the rotary brush (20) is held in place under the tension of a drive belt (56) for the rotary brush (20).





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-3 789 454 (DRAPPEU) * Whole document * ---	1	E 01 H 1/04 A 47 L 11/33
A	US-A-3 871 047 (KABURAKI) * Whole document * ---	1,12	
A	FR-A-2 471 766 (BISSELL) * Page 2, line 35 - page 7, line 24; figures * ---	1	
A	FR-A-2 261 735 (MOULINEX) * Whole document * -----	1	
TECHNICAL FIELDS SEARCHED (Int. Cl. 4)			
E 01 H A 47 L			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	02-02-1988	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			