

Title (en)
Suction-sweeping apparatus

Title (de)
Saug-Kehraggregat

Title (fr)
Dispositif d'aspiration et de balayage

Publication
EP 1215337 A3 20031105 (DE)

Application
EP 01129039 A 20011207

Priority
DE 10062329 A 20001214

Abstract (en)
[origin: EP1215337A2] Suction sweeping device comprises a sweeping unit (3) with a revolving brush (4, 4') and a suction unit (2) consisting of an extractor, a suction shaft (8) and a suction opening (10) having two limiting walls (11, 12) extending parallel to the revolving brush. The limiting wall (12) adjacent to the revolving brush is designed so that its position and/or shape can be changed between a first and a second end position to change the cross-section (15) of the suction opening. Preferred Features: The limiting wall (12) is a flap (13) positioned on the suction shaft so that it tilts about an axis (14) extending parallel to the revolving brush.

IPC 1-7
E01H 1/08

IPC 8 full level
E01H 1/08 (2006.01)

CPC (source: EP)
E01H 1/0845 (2013.01)

Citation (search report)
• [Y] DE 4031422 A1 19910606 - ROLBA AG [CH]
• [Y] FR 2605907 A1 19880506 - DEBEFI [FR]
• [A] DE 925777 C 19550328 - STREICHER FA M
• [A] US 5794304 A 19980818 - RITTER EBERHARD [DE] & DE 19524203 A1 19960627 - NKF LEICHTMETALLBAU [DE]
• [A] DE 3316953 A1 19841115 - KUKA UMWELTTECHNIK GMBH [DE]

Cited by
CN103711097A; WO2006093432A3

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