

Title (en)
Universal motor sweeper unit.

Title (de)
Universelle Kehreinheit.

Title (fr)
Unité universelle de balayage.

Publication
EP 0476483 B1 19951122 (EN)

Application
EP 91115246 A 19910906

Priority
• IT 4687290 A 19900910
• IT 4690690 A 19901207

Abstract (en)
[origin: EP0476483A1] A universal unit (1) for motor sweepers and the like comprises a box (2) from whose lower opening (3) project the peripheral ends of the bristles constituting a rotating cylindrical brush (4). Said brush (4) is combined in approach with a tank (7) or (7') in which is positioned a cylindrical conveyor with radial bristles (5) or with a conveyor belt (6) which is also rotating or sliding. The box (2) is equipped or not with an advanced suction chamber (44) communicating with the suction mouth (11) aligned with said seat or tank (7) or (7'). The brush (4) and the conveyor (6) are powered independently or in direct or indirect combination with each other. The universal unit (1) can be combined with a suction, collection and filter unit (15) integral with or separate from said box (2) which is positioned with or without said unit (15) at the front, side or rear of self-propelled or towed vehicles (17), (18), (19) or on fixed or telescopic extensible moving arms (16) placed on said vehicles. Said applications may be single or double, with means rotating around fulcrums (23). <IMAGE>

IPC 1-7
E01H 1/08; **E01H 1/04**

IPC 8 full level
E01H 1/04 (2006.01); **E01H 1/08** (2006.01)

CPC (source: EP)
E01H 1/045 (2013.01); **E01H 1/0845** (2013.01); **E01H 1/0854** (2013.01)

Cited by
CN110184981A; NL2031279B1; DE29502694U1; FR2726589A1; DE19539350A1; CN106894375A; EP1391559A1; FR2746826A1; DE19851681A1; DE19851681C2; IT201800003020A1; US6735814B2; US6484353B2; WO0028150A1; WO2009149705A3

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