

Title (en)
Cleaning vehicles.

Title (de)
Reinigungsfahrzeuge.

Title (fr)
Véhicules de nettoyage.

Publication
EP 0467269 A2 19920122 (EN)

Application
EP 91111779 A 19910715

Priority
GB 9015529 A 19900714

Abstract (en)

A self-propelled cleaning vehicle (10) comprises matter removal means (18) including primary brushes (24,26) and an additional or third brush (28). The third brush (28) is mounted on a brush mounting arm (46) comprising inner (48) and outer arm (50) portions, pivotally interconnected (52), and controlled by a control linkage (58) interconnecting them and actuated by a remote actuating ram (72) at the inboard end of the assembly. The outer arm portion (50) is of telescopic construction for length-adjustment. The telescoping portion is provided by two parallel rams (98,100). Oil flow to the hydrostatic motor (104) passes through the rams and their piston rods themselves. The pressure on the piston is used to telescope the rams (98,100). When the third brush (28) is in use, contour-following means enables the inboard primary brush to follow the peripheral contours of a surface it is sweeping without driver intervention. Such automatic contour-following is activated by driver-controlled selection (113) of a contour-following control mode which causes the inboard brush to move outwards until it meets, for example, a gutter profile. Position sensing switches (124A) enable the primary brushes (24,26) to automatically adopt standard sweeping positions when a non-contour following mode is selected.
<IMAGE>

IPC 1-7
E01H 1/05; **E01H 1/08**

IPC 8 full level
E01H 1/05 (2006.01); **E01H 1/08** (2006.01)

CPC (source: EP)
E01H 1/053 (2013.01); **E01H 1/0845** (2013.01)

Cited by
WO2023113594A1; KR101718125B1; ES2088730A2; EP0641894A1; CN109723016A; DE29608093U1; NL2026070B1; NL2030143B1

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