

Title (en)
SWEEPING UNIT

Title (de)
KEHRAGGREGAT

Title (fr)
UNITE DE NETTOYAGE

Publication
EP 1108092 A1 20010620 (DE)

Application
EP 00943809 A 20000615

Priority
• DE 19927593 A 19990617
• EP 0005487 W 20000615

Abstract (en)
[origin: US6681433B1] A sweeping unit has a supporting frame and at least one motor-driven rotary brush which is rotationally mounted about an longitudinal axis thereof The supporting frame is provided with supporting wheels, and a distance of the wheels from the axis of the rotary brush is controlled by an adjusting device having at least one hydraulic adjusting cylinder and a control device. A supply cylinder is hydraulically connected to the at least one adjusting cylinder and has a piston, or other signalling component, connected to a metering device and/or distance measurement device. A signal from the metering and/or distance measurement device is connected to the control unit. A working area of the supply cylinder communicates hydraulically with the at least one adjusting cylinder and has a smaller cross-sectional surface area than that of the at least one adjusting cylinder. Alternatively, the piston of the supply cylinder is connected to a mechanical adjusting drive mechanism.

IPC 1-7
E01H 1/05

IPC 8 full level
E01H 1/05 (2006.01)

CPC (source: EP US)
E01H 1/056 (2013.01 - EP US)

Cited by
USD907868S; US7028925B2; US9730566B2; US9757005B2; US10555657B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0079059 A1 20001228; AT E264947 T1 20040515; CA 2341030 A1 20001228; DE 19927593 C1 20010419; DE 50006141 D1 20040527; EP 1108092 A1 20010620; EP 1108092 B1 20040421; NO 20010750 D0 20010214; NO 20010750 L 20010411; NO 332295 B1 20120820; PL 346044 A1 20020114; RU 2250293 C2 20050420; US 6681433 B1 20040127

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