

Title (en)  
Sweeping unit

Title (de)  
Kehrreggregat

Title (fr)  
Unité de nettoyage

Publication  
**EP 1108091 A1 20010620 (DE)**

Application  
**EP 00942073 A 20000615**

Priority  
• DE 19927592 A 19990617  
• EP 0005486 W 20000615

Abstract (en)  
[origin: WO0079058A1] A sweeping unit which can be affixed to a carrier vehicle or a trailer, comprising a supporting frame (2) and at least one motor-driven rotary brush (1) which is rotationally mounted around the longitudinal axis (3) thereof. The supporting frame (2) is provided with supporting wheels (7,8), whereby the vertical distance of said wheels from the axis (3) of the rotary brush (1) can be modified by means of an adjusting device comprising at least one adjusting member (V) and a control unit (9). A sensor (S) is provided for the detection of driving torque or the driving power of the rotary brush (1) or an associated variable, whereby the signal from said sensor is switched to the control unit (9). The control unit (9) determines the working position of the adjusting member (V) corresponding to an optimum contact surface between the brush and the ground as a function of the contact position between the ground and the adjusting member (V), characterized by a sharp increase in said sensor signal when the rotary brush (1) is lowered.

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

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**WO 0079058 A1 20001228**; AT E275220 T1 20040915; CA 2340754 A1 20001228; CA 2340754 C 20060418; DE 19927592 C1 20010208; DE 50007608 D1 20041007; EP 1108091 A1 20010620; EP 1108091 B1 20040901; NO 20010751 D0 20010214; NO 20010751 L 20010411; NO 333878 B1 20131007; PL 346014 A1 20020114; RU 2241091 C2 20041127; US 6678912 B1 20040120

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