

Title (en)

Improved motor sweeper with elastic regulation of the brush pressure

Title (de)

Motorisierte Kehrmaschine mit elastischer Kontrolle des Bürstendruckes

Title (fr)

Balayeuse à moteur avec régulation élastique de la pression de la brosse

Publication

EP 1152089 A3 20030625 (EN)

Application

EP 01201532 A 20010426

Priority

IT RE20000036 A 20000503

Abstract (en)

[origin: EP1152089A2] A motor sweeper comprising a wheeled frame (1) for supporting a height-adjustable brush (2) of horizontal axis, and a rearward-lying dirt collection bin, said brush being rotated by a motor, there being provided means for measuring a quantity indicative of the pressure exerted by the brush on the surface to be cleaned, and mechanical means (100) for adjusting the height of said brush; elastic means (200) are associated with said mechanical means (100) in such a manner that the height of the brush is adjusted by the mechanical means (100) if the value of the quantity indicative of the pressure exerted by the brush on the surface lies outside a predetermined range, and by the elastic means (200) if the value of said indicative quantity lies within said range. <IMAGE>

IPC 1-7

E01H 1/05

IPC 8 full level

E01H 1/05 (2006.01)

CPC (source: EP)

E01H 1/056 (2013.01)

Citation (search report)

- [XAY] US 5673450 A 19971007 - BRISCOE WILLIAM ANTHONY [GB]
- [YA] EP 0887468 A2 19981230 - ELECTROLUX EUROCLEAN ITALIA S [IT]
- [A] US 4525888 A 19850702 - BARGIEL DOUGLAS A [US], et al

Cited by

FR2867202A1; DE10305290A1; DE10301139A1; DE10301139B4; EP1571261A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1152089 A2 20011107; EP 1152089 A3 20030625; IT 1319463 B1 20031010; IT RE20000036 A1 20011105

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