

Title (en)
Motor-sweeper

Title (de)
Motorisierte Kehrmachine

Title (fr)
Balayeuse à moteur

Publication
EP 0887468 B1 20020918 (EN)

Application
EP 98110275 A 19980605

Priority
IT PN970038 A 19970625

Abstract (en)
[origin: EP0887468A2] Motor-sweeper with a horizontally rotating brush roller (3) in contact with the floor to collect the dirt therefrom and send it into a collecting bin (5) through a conveying channel (6, 7). The brush roller (3) is hinged on a lever (11) that is adapted to be actuated by an actuator (20) to vary the position of the brush roller in a direction (A) that is substantially inclined downwards frontally. Control means (17) detect the operating pressure of the brush roller (3) with respect to the floor (4), compare such a pressure with a reference value, and drive the actuator (20) so as to keep both the operating pressure of the brush roller (3) and the cross-section area of said channel (6, 7) constant. <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 (examination)
FR 2506360 A1 19821126 - WIEDENMANN GMBH [DE]

Cited by
CN112482283A; CN102409631A; EP1152089A3; CN104912013A; CN110158517A; GB2467538A; GB2467538B; US7895706B2

Designated contracting state (EPC)
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EP 0887468 A2 19981230; EP 0887468 A3 20000315; EP 0887468 B1 20020918; DE 69807994 D1 20021024; DE 69807994 T2 20030130; ES 2184171 T3 20030401; IT 1294137 B1 19990322; IT PN970038 A0 19970625; IT PN970038 A1 19981225

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