

Title (en)

Drive system for floor maintenance device

Title (de)

Antrieb für ein Bodenpflegegerät

Title (fr)

Entraînement pour un dispositif de maintenance de plancher

Publication

EP 1138245 A3 20050202 (DE)

Application

EP 01106193 A 20010314

Priority

DE 10016404 A 20000401

Abstract (en)

[origin: EP1138245A2] The drive has a drive shaft (12) which drives an entrainment plate (15) through follower cams (14). The entrainment plate is biased axially by a spring towards the polishing disc and also by the same spring (19) in the circumferential direction for contact between the drive finger (18) and abutment (10). The spring is preferably a spiral spring whose ends are connected rotationally secured on the drive shaft at one end and on the entrainment plate at the other.

IPC 1-7

A47L 11/16; **A47L 11/283**; **A47L 11/14**

IPC 8 full level

A47L 11/16 (2006.01); **A47L 11/283** (2006.01)

CPC (source: EP)

A47L 11/16 (2013.01); **A47L 11/283** (2013.01); **A47L 11/4038** (2013.01); **A47L 11/4069** (2013.01)

Citation (search report)

- [DA] DE 19728927 A1 19981105 - VORWERK CO INTERHOLDING [DE]
- [A] US 4138804 A 19790213 - THIELEN JAMES E [US]
- [A] GB 680307 A 19521001 - WILLIAM ERNEST HOLT
- [A] GB 1115659 A 19680529 - ELECTROLUX LTD
- [A] DE 640875 C 19370114 - GEORG BODE
- [A] FR 682253 A 19300526

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1138245 A2 20011004; **EP 1138245 A3 20050202**; **EP 1138245 B1 20060927**; AT E340529 T1 20061015; DE 10016404 A1 20011004; DE 50111068 D1 20061109; ES 2269244 T3 20070401; HK 1040602 A1 20020621

DOCDB simple family (application)

EP 01106193 A 20010314; AT 01106193 T 20010314; DE 10016404 A 20000401; DE 50111068 T 20010314; ES 01106193 T 20010314; HK 02102448 A 20020403