

Title (en)

TECHNIQUE FOR DETERMINING FRICTION LEVEL OF A CLEANING SURFACE AND MANAGING THE FRICTION LEVEL BY A VACUUM CLEANER

Title (de)

TECHNIK ZUR BESTIMMUNG DES REIBUNGSGRADS EINER REINIGUNGSOBERFLÄCHE UND ZUR STEUERUNG DES REIBUNGSGRADS DURCH EINEN STAUBSAUGER

Title (fr)

TECHNIQUE DE DETERMINATION DU NIVEAU DE FROTTEMENT D'UNE SURFACE DE NETTOYAGE ET DE GESTION DU NIVEAU DE FROTTEMENT PAR UN ASPIRATEUR

Publication

**EP 3622869 B1 20230816 (EN)**

Application

**EP 18193993 A 20180912**

Priority

EP 18193993 A 20180912

Abstract (en)

[origin: EP3622869A1] An arrangement (1) for a vacuum cleaner (19) comprising a broomstick (20), the arrangement (1) comprising a friction detection unit (2) adapted to sense at least one of a friction force (3) between the broomstick (20) and a cleaning surface (21) to be cleaned using broomstick (20), or a pressure value (4) to detect pressure applied due to at least one contact between the cleaning surface (21) and the broomstick (20), or due to a movement of the broomstick (20) onto the cleaning surface (21), or a combination thereof, or a heat value (5) representative of heat generated while the broomstick (20) is in contact with the cleaning surface (21), or a temperature value (6) representative of temperature around an environment of the broomstick (20) and the cleaning surface (21) to be cleaned using broomstick (20), or a combination thereof. The arrangement (1) further comprising a primary processing unit (7) adapted to receive and process the friction force (3) or the heat value (5), or the temperature value (6), or the pressure value (4), or a combination thereof, and to identify a friction level (8) of the cleaning surface (21).

IPC 8 full level

**A47L 5/36** (2006.01); **A47L 9/02** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)

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