

Title (en)

Method for detecting a floor covering

Title (de)

Verfahren zur Erkennung eines Bodenbelages

Title (fr)

Procédé de reconnaissance d'un revêtement de sol

Publication

EP 1967115 B1 20100728 (DE)

Application

EP 08002410 A 20080209

Priority

DE 102007011381 A 20070307

Abstract (en)

[origin: EP1967115A2] The method involves providing a storage unit (5), and containing two floor coverings with reference parameters in the unit. An inspection procedure for a sensor-less floor covering detection is started by a control unit (4). An electronically commutating motor (3) is brought by a number of revolutions in an operating point into another operating point with another number of revolutions. Actual characteristics of the motor are determined by the control unit during the procedure, and are compared with the parameters. An identification of the floor covering is obtained. An independent claim is also included for a vacuum cleaner.

IPC 8 full level

A47L 9/04 (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)

A47L 9/04 (2013.01); **A47L 9/2826** (2013.01); **A47L 9/2842** (2013.01); **A47L 9/2847** (2013.01); **A47L 9/2857** (2013.01)

Cited by

DE102018209383A1; DE102018209385A1; DE102015104251A1; DE102015104244A1; DE102015104250A1; EP3235414A1; DE102020205767A1; WO2024010712A1; DE102015104251B4

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