

Title (en)

Apparatus and method for notifying state of self-moving cleaning robot

Title (de)

Vorrichtung und Verfahren zur Anzeige des Zustandes eines selbstfahrenden Reinigungsroboters

Title (fr)

Appareil et procédé pour indiquer l'état d'un robot de nettoyage automoteur

Publication

EP 1731072 A2 20061213 (EN)

Application

EP 05028566 A 20051228

Priority

KR 20050048449 A 20050607

Abstract (en)

An apparatus and method for notifying the state of a self-moving cleaning robot using voice or a variety of melodies is provided. The self-moving state notification apparatus includes a voice notification unit (1) for outputting an audio signal notifying the operating state of the self-moving cleaning robot. The apparatus outputs voice or various melodies corresponding to states or errors of the self-moving cleaning robot while in operation, so that the user can be quickly and clearly notified of the state of the self-moving cleaning robot and thus can quickly take any necessary measures for the state, thereby ensuring that the self-moving cleaning robot operates reliably.

IPC 8 full level

A47L 9/28 (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP KR US)

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Cited by

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DE FR GB IT SE

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1731072 A2 20061213; **EP 1731072 A3 20111116**; CN 100431808 C 20081112; CN 1876337 A 20061213; JP 2006344203 A 20061221; KR 20060127452 A 20061213; US 2006287801 A1 20061221

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