Title (en)

Swingably suspended inner assembly of a washing machine, method for controlling a washing machine and use of an electronic sensor as a movement sensor in an inner assembly

Title (de)

Schwingfähig aufgehängtes Innenaggregat einer Wäschebehandlungsmaschine, Verfahren zur Ansteuerung einer Wäschebehandlungsmaschine sowie Verwendung eines elektronischen Sensors als Schwingungssensor in einem Innenaggregat

Title (fr)

Ensemble intérieur oscillant suspendu d'une machine à laver, procédé de commande d'une machine de traitement du linge, ainsi que l'utilisation d'un détecteur électronique comme détecteur d'oscillation de l'ensemble intérieur

Publication

EP 1693499 A3 20090211 (DE)

Application

EP 06002888 A 20060214

Priority

- DE 102005007413 A 20050218
- DE 102005037144 A 20050806

Abstract (en)

[origin: EP1693499A2] The inner assembly (2) is suspended such that it can vibrate in a laundry treatment machine. The assembly has a laundry drum (4) and a drive such as electric motor (8), for driving the laundry drum. A vibration sensor is rigidly coupled to a component of the internal unit. The vibration sensor is an electronic sensor. The vibration sensor is based on a measurement principle using capacitive effects and or inductive effects and or piezoelectric effects. A printed circuit board and the vibration sensor is a printed circuit board module on the printed circuit board. An independent claim is included for a method for controlling a washing machine and use of an electronic sensor as a movement sensor in an inner assembly.

IPC 8 full level (invention and additional information)

D06F 37/20 (2006.01)

CPC (invention and additional information)

D06F 33/02 (2013.01); **D06F 37/203** (2013.01)

Citation (search report)

- [X] GB 2361715 A 20011031 - NOTETRY LTD [GB], et al
- [X] GB 2073257 A 19811014 - KENWOOD MFG CO LTD
- [X] EP 1154064 A2 20011114 - WHIRLPOOL CO [US]
- [XA] US 2003037383 A1 20030227 - BROKER JOHN F [US]
- [A] US 5930855 A 19990803 - VANDE HAAR EVAN R [US], et al

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family

EP 1693499 A2 20060823; EP 1693499 A3 20090211; EP 1693499 B1 20110330; AT 503880 T 20110415; DE 102005037144 A1 20060824; DE 102005037144 B4 20070419; DE 502006009185 D1 20110512; US 2006185097 A1 20060824; US 7921494 B2 20110412