

Title (en)

NOISE CONTROL SYSTEM FOR WASHING MACHINE AND WASHING MACHINE

Title (de)

GERÄUSCHDÄMPFUNGSSYSTEM FÜR WASCHMASCHINE UND WASCHMASCHINE

Title (fr)

SYSTÈME DE CONTRÔLE DU BRUIT POUR MACHINE À LAVER ET MACHINE À LAVER

Publication

EP 4187008 A1 20230531 (EN)

Application

EP 22208295 A 20221118

Priority

CN 202122945229 U 20211126

Abstract (en)

A noise control system for a washing machine and a washing machine are provided. The system includes: a first acquisition unit, configured to acquire a first vibration signal of a first vibration of a motor; a second acquisition unit, configured to acquire a rotational speed signal of the motor; a control unit, configured to receive the first vibration signal transmitted by the first acquisition unit and the rotational speed signal transmitted by the second acquisition unit, and process the first vibration signal and the rotational speed signal to generate a control signal; and an execution unit, configured to receive the control signal, and generate, based on the control signal, a second vibration acting on the motor.

IPC 8 full level

D06F 33/48 (2020.01); **D06F 34/16** (2020.01); **D06F 103/24** (2020.01); **D06F 103/26** (2020.01)

CPC (source: CN EP)

D06F 33/48 (2020.02 - CN EP); **D06F 34/16** (2020.02 - EP); **D06F 39/00** (2013.01 - CN); **D06F 2103/24** (2020.02 - EP); **D06F 2103/26** (2020.02 - CN EP); **D06F 2105/00** (2020.02 - EP); **D06F 2105/46** (2020.02 - EP)

Citation (search report)

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- [X] JP 2008000501 A 20080110 - MATSUSHITA ELECTRIC IND CO LTD
- [A] DE 102011084267 A1 20130411 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] JP H07323193 A 19951212 - SANYO ELECTRIC CO
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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