

Title (en)

Washing machine and sensing method of laundry weight contained therein

Title (de)

Waschmaschine und Fühlverfahren für das Wäschegewicht darin

Title (fr)

Machine à laver et procédé de détection du poids du linge contenu dedans

Publication

**EP 2194180 A2 20100609 (EN)**

Application

**EP 09156898 A 20090331**

Priority

KR 20080121380 A 20081202

Abstract (en)

A washing machine to re-perform sensing of the weight of laundry when an AC power is unstable is described. A zero-voltage detector detects a zero voltage of the AC power and generates a zero-voltage signal. If a count value counted according to the zero-voltage signal is greater than a maximum value, a microprocessor recognizes that the a voltage variation is generated due to abrupt power failure and if the count value is less than a minimum value, the microprocessor recognizes that a voltage variation is generated due to noise contained in the power. Then the microprocessor re-performs the sensing of the weight of laundry.

IPC 8 full level

**D06F 33/32** (2020.01); **D06F 37/30** (2006.01); **D06F 39/00** (2006.01); **D06F 34/18** (2020.01)

CPC (source: EP US)

**D06F 33/32** (2020.02 - EP US); **D06F 34/18** (2020.02 - EP US); **D06F 2103/04** (2020.02 - EP US); **D06F 2103/46** (2020.02 - EP US)

Citation (applicant)

WO 2008003710 A1 20080110 - ARCELIK AS [TR], et al

Cited by

CN114207208A; JPWO2021065539A1; US11479897B1; US9840805B2; WO2021065539A1

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DE FR GB

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2194180 A2 20100609**; **EP 2194180 A3 20100908**; **EP 2194180 B1 20131120**; KR 20100062655 A 20100610

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**EP 09156898 A 20090331**; KR 20080121380 A 20081202