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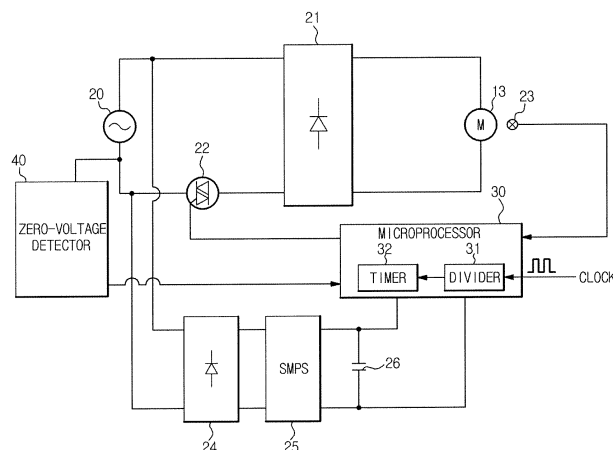
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(54) **Washing machine and sensing method of laundry weight contained therein**

(57) 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.

FIG. 2





EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 2008/003710 A1 (ARCELIK ANONIM SIRKETI [TR]; ERENAY KEREM [TR]; TEZDUYAR LATIF [TR]; B) 10 January 2008 (2008-01-10) * claim 1; figure 4 * -----	1-14	INV. D06F37/30 D06F39/00
			TECHNICAL FIELDS SEARCHED (IPC)
			D06F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 July 2010	Examiner Dupuis, Jean-Luc
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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