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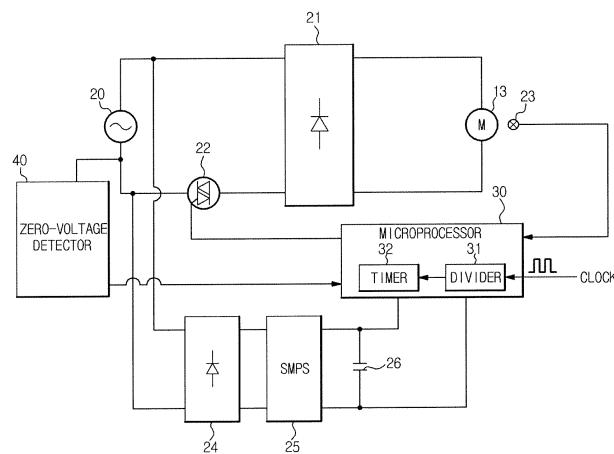
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(54) Washing machine and sensing method of laundry weight contained therein

(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

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<p>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 *</p> <p>-----</p>	1-14	<p>INV.</p> <p>D06F37/30</p> <p>D06F39/00</p>
1			TECHNICAL FIELDS SEARCHED (IPC)
1			D06F
<p>The present search report has been drawn up for all claims</p>			
<p>Place of search</p> <p>Munich</p>		<p>Date of completion of the search</p> <p>23 July 2010</p>	<p>Examiner</p> <p>Dupuis, Jean-Luc</p>
<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>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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WO 2008003710	A1 10-01-2008	NONE	