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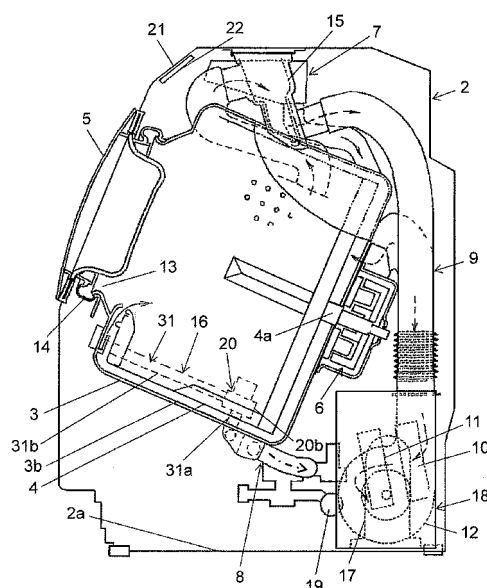
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(54) **Drum type washing machine**

(57) A drum type washing machine having a rotary drum installed in a water tank and capable of executing at least one of washing process and rinsing process by driving the rotary drum by a motor, including a water circulation mechanism for circulating the water in the water tank by a circulation pump through a circulation route connected to the water tank, in which the water circulation mechanism has a passage for discharging the circulation water in the rotary drum provided between the wall reverse side of the water tank and the wall surface of the rotary drum, and the circulation water is discharged into the rotary drum from the annular outlet formed between the inner circumferences of the front end walls.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
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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)
X,P	WO 2008/125974 A2 (INDESIT CO SPA [IT]; BONGINI DINO [IT]) 23 October 2008 (2008-10-23) * page 17, line 2 - page 17, line 16 * * page 18, line 14 - page 19, line 19; figures 3-10 *	1-9	INV. D06F39/08
X	FR 2 818 669 A1 (CIAPEM [FR]) 28 June 2002 (2002-06-28) * page 3, line 18 - page 4, line 16; figures 1,2 *	1	
A	US 2007/107475 A1 (HILL GREGORY P [NZ]) 17 May 2007 (2007-05-17) * paragraph [0049] - paragraph [0055]; figures 2-5 *	1	
			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 8 August 2011	Examiner Fachin, Fabiano
<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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2008125974	A2	23-10-2008	EP 2137347 A2 30-12-2009
			US 2010050700 A1 04-03-2010

FR 2818669	A1	28-06-2002	NONE

US 2007107475	A1	17-05-2007	NONE
