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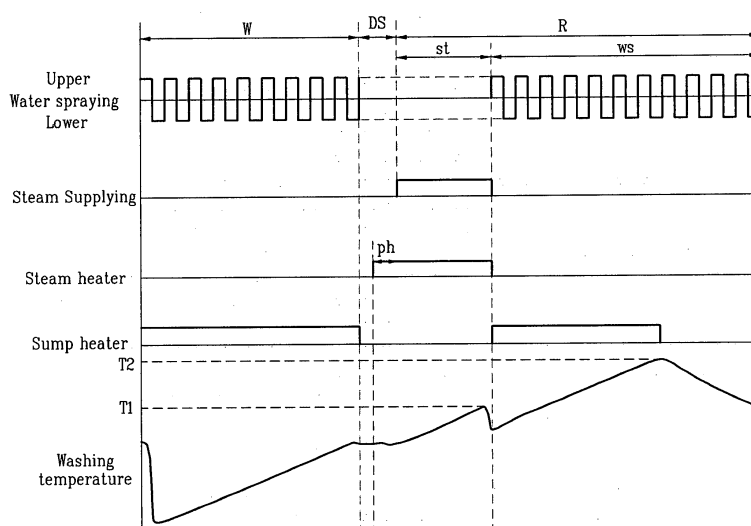
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(54) **Dishwasher and controlling method of the same**

(57) Dishwashers and methods of control for operation of dishwashers are disclosed. The dishwasher can include one or more racks in a washing compartment for placing used dishes having foreign matter, such as food and drink, and unused dishes having relatively little or no foreign matter and varying washing loads. Operation of the dishwasher can include wash, water drain and sup-

ply, and rinse cycles. During the cycles, preheating of a steam generator, water draining and supplying, steam supplying, and water spraying can occur and partially or fully overlap. The dishwasher can reduce excessive washing of dishes having small washing loads and improve power and water consumption.

FIG. 2



**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

EP 09 01 0550

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	US 2007/235063 A1 (LEE CHANG HUI [KR] ET AL) 11 October 2007 (2007-10-11) * paragraphs [0003] - [0006], [0056] - [0070]; claims; figures *	1-6	INV. A47L15/46 A47L15/42 A47L15/00
X	WO 2008/047981 A1 (LG ELECTRONICS INC [KR]; YOON SANG-HEON [KR]; KIM SEONG-HO [KR]; LEE T) 24 April 2008 (2008-04-24) * paragraphs [0012] - [0018], [0031] - [0048]; claims; figures *	1-6	
X	US 4 457 323 A (FAY JOHN A [US] ET AL) 3 July 1984 (1984-07-03) * column 3, line 23 - column 6, line 3; claims; figures *	1-6	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47L

INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.

Claims searched completely :

Claims searched incompletely :

Claims not searched :

Reason for the limitation of the search:

see sheet C

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EPO FORM 1503 03.02 (P04E07)

Place of search	Date of completion of the search	Examiner
Munich	6 September 2016	Lopez Vega, Javier
CATEGORY OF CITED DOCUMENTS 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 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		

**INCOMPLETE SEARCH
SHEET C**

Application Number

EP 09 01 0550

Claim(s) completely searchable:

1-6

Claim(s) not searched:

7-15

Reason for the limitation of the search:

The present application contains 15 claims, of which 4 are independent. There is no clear distinction between the independent claims because of overlapping scope. They are thus drafted in such a way that the claims as a whole do not comply with the provisions of clarity and conciseness in Article 84 EPC, as it is particularly burdensome for a skilled person to establish the subject-matter for which protection is sought.

Non-compliance with the substantive provisions is such that a meaningful search of the whole claimed subject-matter cannot be carried out (Rule 63 EPC and Guidelines B-VIII, 3).

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

EP 09 01 0550

5 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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06-09-2016

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