

(19)



(11)

EP 2 074 921 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
12.08.2009 Bulletin 2009/33

(51) Int Cl.:
A47L 15/42^(2006.01) D06F 39/10^(2006.01)

(43) Date of publication A2:
01.07.2009 Bulletin 2009/27

(21) Application number: **09154971.7**

(22) Date of filing: **08.01.2003**

(84) Designated Contracting States:
DE ES FR GB IT SE

(30) Priority: **28.02.2002 DE 10208992**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
03000076.4 / 1 340 448

(71) Applicant: **Whirlpool Corporation**
Benton Harbor, MI 49022 (US)

(72) Inventors:

- **Kunkel, Jochen**
21025, Comerio (IT)
- **Heil, Michael**
21025, Comerio (IT)
- **Fierling, Yannick**
21025, Comerio (IT)

(74) Representative: **Guerci, Alessandro**
Whirlpool Europe S.r.l.
Patent Department
Viale G. Borghi 27
21025 Comerio (VA) (IT)

(54) **A screen filter for a liquid-conducting device, in particular a dishwashing machine**

(57) Household dishwashing machine with a screen filter (10) that is designed relatively flat with flow holes (17), separating the washing space from a drainage shaft and lying at the bottom of the washing space, sealing the perimeter. The screen fiber (10) is designed and manu-

factured as a plastic-injection mould part provided with an edge (14/18) that protrudes vertically on the underside (13) as a sealing lip; in doing so a screen filter (10) is created that can be manufactured cost-effectively provides an optimal sealing effect at the edge (14/18) and largely excludes the influence of material fatigue.

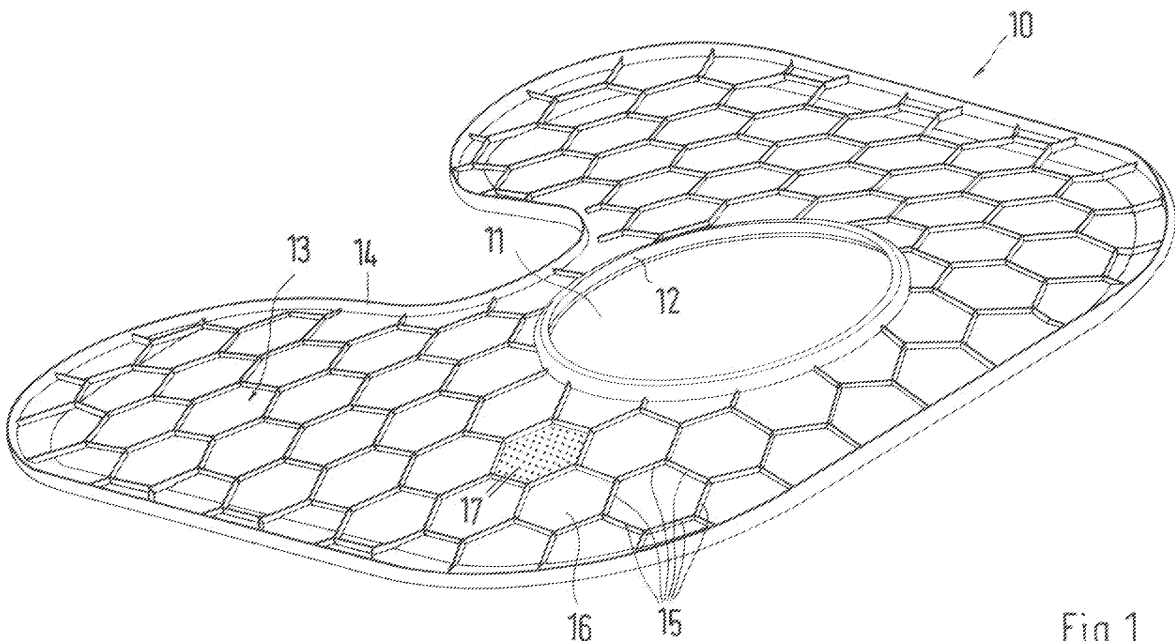


Fig.1

EP 2 074 921 A3



PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 63 of the European Patent Convention EP 09 15 4971 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	EP 0 068 974 A (ESSWEIN SA [FR]) 5 January 1983 (1983-01-05) * the whole document *	1,4	INV. A47L15/42 D06F39/10
Y	DE 88 02 328 U1 (INDUSTRIE ZANUSSI S.P.A., PORDENONE, UDINE, IT) 11 August 1988 (1988-08-11) * page 3, line 24 - page 4, line 19 * * figure 1 *	1,4	
Y	EP 0 963 732 A (ELECTROLUX ZANUSSI ELETTRODOME [IT]) 15 December 1999 (1999-12-15) * paragraph [0010] - paragraph [0014] * * figures 1-3 *	1,4	
Y	FR 2 324 272 A (EURO HAUSGERAETE GMBH [DE]) 15 April 1977 (1977-04-15) * the whole document *	1,4	
Y	US 3 334 750 A (ULLMAN JR MYRON E) 8 August 1967 (1967-08-08) * the whole document *	1,4	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47L D06F
INCOMPLETE SEARCH			
<p>The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for these claims.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search: see sheet C</p>			
Place of search		Date of completion of the search	Examiner
Munich		22 June 2009	Baumgärtner, Ruth
CATEGORY OF CITED DOCUMENTS		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	
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			

2
EPO FORM 1503 03.82 (P04E07)



PARTIAL EUROPEAN SEARCH REPORT

Application Number
EP 09 15 4971

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
Y	DE 33 39 281 C1 (BOSCH SIEMENS HAUSGERAETE) 5 June 1985 (1985-06-05) * column 3, line 31 - line 61 * * figure 1 * -----	1,4	
			TECHNICAL FIELDS SEARCHED (IPC)

EPO FORM 1503 03.82 (PM4C10) 2



**INCOMPLETE SEARCH
SHEET C**

Application Number
EP 09 15 4971

The present application is a divisional application of EP03000076 according to Article 76 and Rule 36 EPC.

Therefore, the subject-matter relating to the invention claimed in said earlier application needs to be excised from the present application, and the application will be prosecuted on the basis of only the invention first mentioned in the claims, namely claims 1 - 4 and related subject-matter in the description and the drawings.

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

EP 09 15 4971

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-06-2009

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0068974	A	05-01-1983	DE 3269602 D1	10-04-1986
			ES 8305575 A1	16-07-1983
			FR 2508304 A1	31-12-1982

DE 8802328	U1	11-08-1988	ES 1004845 U	16-10-1988
			FR 2613609 A3	14-10-1988
			GB 2204482 A	16-11-1988
			IT 211726 Z2	07-04-1989

EP 0963732	A	15-12-1999	IT PN980033 U1	10-12-1999

FR 2324272	A	15-04-1977	DE 2641883 A1	24-03-1977
			GB 1530206 A	25-10-1978
			IT 1042662 B	30-01-1980
			JP 52036863 A	22-03-1977
			SE 419821 B	31-08-1981
			SE 7610184 A	19-03-1977

US 3334750	A	08-08-1967	NONE	

DE 3339281	C1	05-06-1985	NONE	
