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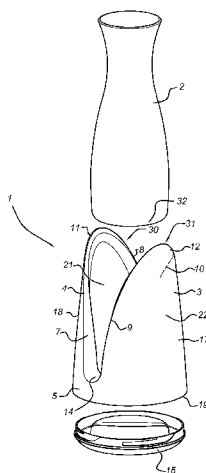
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COOLER FOR CYLINDRICAL OBJECTS



(57) Abstract: The invention relates to a container (1) for cooling at least substantially cylindrical objects (2), in which the container (1) is provided with at least two cooling walls (3, 4), each connected to the other in an annular lower side (5), each having an outside wall (17, 18) and two side edges (7, 8, 9, 10) extending from the lower side (5) to an upper part (11, 12) of the wall, the side edges (7, 8, 9, 10) of adjacent cooling walls (3, 4) tapering towards each other from the upper part (11, 12) to the lower side (5), and an accommodation chamber (21, 22) being formed in each cooling wall (3, 4) for accommodation of a removable cooling element (24, 25), which accommodation chamber (21, 22) is bounded by a part of a substantially circular bottom contour (19), the outside wall (17, 18) and the side edges (7, 8, 9, 10).

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## INTERNATIONAL SEARCH REPORT

International application No

PCT/NL2007/050022

**A. CLASSIFICATION OF SUBJECT MATTER**

INV. F25D3/08 F25D31/00 B65D43/02 B65D47/40

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

F25D A47G A45C B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 324 111 A (EDWARDS WILLIAM A) 13 April 1982 (1982-04-13) column 2, line 17 - column 3, line 15; figures 1-4 -----	1-20
X	JP 2001 082842 A (KURA CORP KK) 30 March 2001 (2001-03-30)  abstract -----	11,12, 14,15, 18-20
X	AU 51027 79 A (LANE R E E) 27 March 1980 (1980-03-27) page 3, paragraph 2; figures -----	8
A	DE 23 35 041 A1 (LEPPER WILHELM DR-ING) 30 January 1975 (1975-01-30) page 5, last paragraph; figures ----- -/--	6

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search

7 May 2007

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10/12/2007

Name and mailing address of the ISA/

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## INTERNATIONAL SEARCH REPORT

International application No  
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## C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 385 992 B1 (FLORE JR JOSEPH FRANK [US]) 14 May 2002 (2002-05-14) column 2, line 11 - line 34; figures -----	7
A	US 4 338 795 A (HOUSE JR ROBERT C) 13 July 1982 (1982-07-13) column 3, line 19 - line 23; figures -----	
A	GB 2 068 521 A (MCGREAL A) 12 August 1981 (1981-08-12) -----	
A	US 4 037 428 A (GIANNOTTI ALBERT J) 26 July 1977 (1977-07-26) -----	

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/NL2007/050022

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
**Non-Unity**
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-20

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20

Deatails of the walls of a container that optionally holds a cylindrical object and cooling elements  
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2. claim: 21 and 22

Details of a closure for a carafe (container)  
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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/NL2007/050022

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4324111	A	13-04-1982	NONE	
JP 2001082842	A	30-03-2001	NONE	
AU 5102779	A	27-03-1980	NONE	
DE 2335041	A1	30-01-1975	NONE	
US 6385992	B1	14-05-2002	US 2002112502 A1	22-08-2002
US 4338795	A	13-07-1982	NONE	
GB 2068521	A	12-08-1981	NONE	
US 4037428	A	26-07-1977	NONE	