(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 02.01.2013 Bulletin 2013/01

(51) Int Cl.: **F24H 1/18** (2006.01)

(43) Date of publication A2: 29.02.2012 Bulletin 2012/09

(21) Application number: 11250707.4

(22) Date of filing: 05.08.2011

(84) Designated Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR Designated Extension States:

BA ME

(30) Priority: 05.08.2010 GB 201013229

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(54) An improved method of insulating a hot water cylinder

(57) A method is disclosed of the manufacture of an insulated hot water container (11), the container (11) being within a housing (13). The method includes the steps of selecting a base portion (12) to support the container (11), locating the container on the base portion (12). A sealant (18) is provided in a well (17) between an outer rim wall (15) and a locating wall (16) of the base portion (12), and an outer casing (13) located in the well. The outer casing (13) rests on or is embedded in the sealant and surrounds the container (11). A top moulding is located on the open end of the outer casing to enclose the container (11). Liquid prepolymer is then admitted into the space between the outer casing and the container and the prepolymer polymerised.

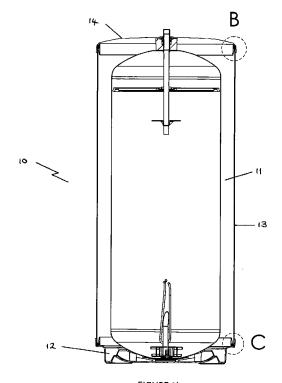


FIGURE 1b



EUROPEAN SEARCH REPORT

Application Number EP 11 25 0707

	DOCUMENTS CONSID	ERED TO BE RELEVANT		
Category	Citation of document with ir of relevant passa	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Υ	US 6 588 378 B1 (HE AL) 8 July 2003 (20 * columns 3-5; figu		1-8	INV. F24H1/18
Υ	US 4 974 551 A (NEL 4 December 1990 (19 * columns 6,8-9; fi	90-12-04)	1-8	
Υ	US 5 209 368 A (BRA [US]) 11 May 1993 (* column 2 *	DENBAUGH KENNETH A 1993-05-11)	1-7	
Υ	FR 1 386 696 A (THO FRANCAISE) 22 Janua * pages 2,3; figure	ry 1965 (1965-01-22)	4	
A	CA 2 092 348 A1 (GI 25 September 1994 (* pages 6-10; figur		1,8	
Α	US 4 907 569 A (LEM 13 March 1990 (1990 * column 3; figure	ENSE RODNEY A [US]) 1-03-13) 6 *	1,8	TECHNICAL FIELDS SEARCHED (IPC)
Α	WO 99/34153 A1 (MER [IT]; MARCHETTI RUG 8 July 1999 (1999-0 * abstract; figure	7-08)	1,8	
	The present search report has I	<u>'</u>		
	Place of search Munich	Date of completion of the search 20 November 2012	1 01.	Examiner ot, Pierre-Edouard
X : part Y : part docu	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another the same category inclogical background	T : theory or princip E : earlier patent do after the filing da ner D : document cited i L : document cited f	cument, but publ te n the application or other reasons	ished on, or

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EP 11 25 0707

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.

20-11-2012

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6588378	B1	08-07-2003	AU CA MX NZ US	2003204100 2424676 PA03004854 525586 6588378	A1 A A	18-03-2 28-02-2 05-03-2 31-10-2 08-07-2
US 4974551	A	04-12-1990	AU AU CA EP US WO	630158 5021990 2010115 0458811 4974551 9009546	A A1 A1 A	22-10- 05-09- 16-08- 04-12- 04-12- 23-08-
US 5209368	Α	11-05-1993	NONE			
FR 1386696	Α	22-01-1965	NONE			
CA 2092348	A1	25-09-1994	NONE			
US 4907569	Α	13-03-1990	NONE			
WO 9934153	A1	08-07-1999	AU CN CZ DE DE EP ES HU IT PL SK TR US WO	69838348 1044347 1211466 2194381	A A A A B D B B B B B B B B B B B B B B	19-07- 07-02- 28-07- 15-08- 10-04- 15-05- 18-10- 05-06- 16-11- 16-03- 12-12- 28-04- 29-06- 31-08- 23-04- 20-11- 02-08- 12-03- 21-11- 24-07- 08-07-

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82