



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.02.2009 Bulletin 2009/08

(51) Int Cl.:
D06F 39/08 (2006.01)

(43) Date of publication A2:
14.01.2009 Bulletin 2009/03

(21) Application number: **08165774.4**

(22) Date of filing: **12.12.2006**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

(30) Priority: **15.12.2005 IT TO20050876**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
06125957.8 / 1 798 326

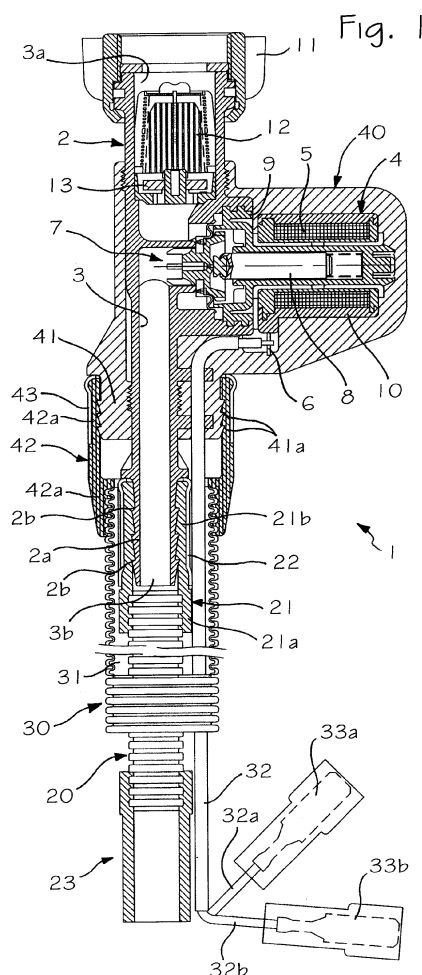
(71) Applicant: **Eltek S.p.A.**
15033 Casale Monferrato (AL) (IT)

(72) Inventor: **Bianchi, Luciano**
15030 Rosignano Monferrato (Alessandria) (IT)

(74) Representative: **Gallarotti, Franco**
Buzzi, Notaro & Antonielli d'Oulx Srl,
Via Maria Vittoria, 18
10123 Torino (IT)

(54) **Anti-flooding safety device for household appliances**

(57) An anti-flooding safety device (1) for an electrical household appliance comprises a connector body (2,40), connected to which are the first ends of a first flexible pipe (20) and a second flexible pipe (30), at least one part of the first pipe (20) extending longitudinally inside said second pipe (30). The two pipes (20,30) are of a corrugated type, and the device (1) comprises at least one safety solenoid valve (4), mounted on the connector body (2). At least one end portion of said first pipe (20) is coupled to a first end portion (21a) of a tubular element (21,23), preferably made of elastic synthetic material. The tubular element (21,23) has at least one axial stretch of surface structured so as to engage with an axial stretch of surface of the first pipe (20). A second end portion (21b) of the tubular element (21) is engaged or fitted on a coupling part (2a) of the connector body (2,40).





EUROPEAN SEARCH REPORT

Application Number
EP 08 16 5774

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	FR 2 742 514 A1 (ELTEK SPA [IT]) 20 June 1997 (1997-06-20)	13,14	INV. D06F39/08
Y	page 1, lines 7-14; page 4, line 13 - page 9, line 31; claims; figures	1-10,12	
A		11,15	
Y	----- US 5 983 950 A1 (AOKI TOMOHIDE [JP] ET AL) 16 November 1999 (1999-11-16)	1-10,12	
A	column 1, line 7 - column 2, line 14; column 6, line 1 - column 7, line 67; claims 1-3; abstract; figures	11,13-15	
A	----- US 3 299 417 A1 (SIBTHORPE ANTHONY M) 17 January 1967 (1967-01-17) column 1, lines 3-18; column 2, lines 11-42; abstract; figures	1-15	
A	----- DE 101 26 104 A1 (ELTEK SPA [IT]) 24 January 2002 (2002-01-24) * the whole document *	1-15	TECHNICAL FIELDS SEARCHED (IPC)
A	----- DE 36 18 258 A1 (ELTEK SPA [IT]) 5 February 1987 (1987-02-05) * the whole document *	1-15	D06F A47L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 2 December 2008	Examiner Clivio, Eugenio
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	

5

EPO FORM 1503 03.82 (P04/C01)

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

EP 08 16 5774

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.

02-12-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2742514 A1	20-06-1997	DE 19650861 A1 IT T0951004 A1	19-06-1997 13-06-1997
US 5983950 A1		NONE	
US 3299417 A1		NONE	
DE 10126104 A1	24-01-2002	IT T020000091 U1	29-11-2001
DE 3618258 A1	05-02-1987	IT 1208823 B SE 8602443 A	10-07-1989 01-02-1987