



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 945 951 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
07.06.2000 Bulletin 2000/23

(51) Int. Cl.⁷: **H02H 5/08**

(43) Date of publication A2:
29.09.1999 Bulletin 1999/39

(21) Application number: **99104056.9**

(22) Date of filing: **17.03.1999**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Dal Lago, Silvio**
36100 Vicenza (IT)

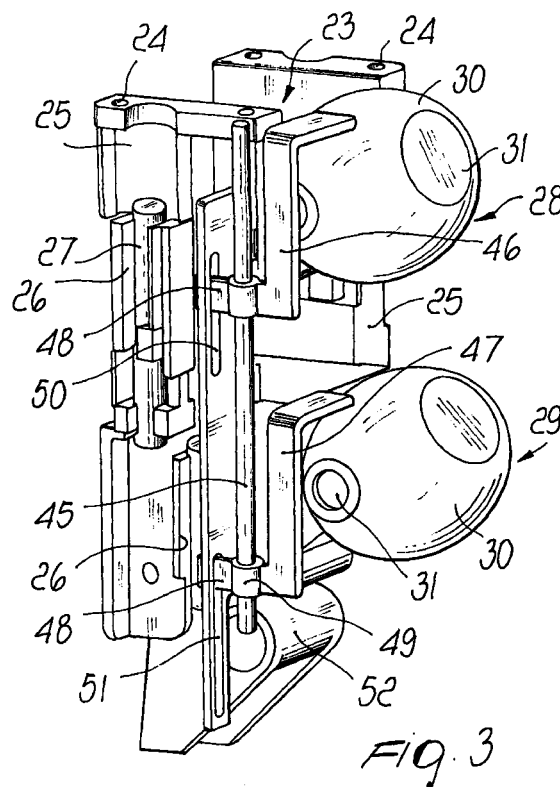
(74) Representative:
Modiano, Guido, Dr.-Ing. et al
Modiano & Associati SpA
Via Meravigli, 16
20123 Milano (IT)

(30) Priority: **24.03.1998 IT PD980061**

(71) Applicant: **COMEM S.p.A.**
36054 Montebello Vicentino (Vicenza) (IT)

(54) **Improved gas-accumulation Buchholz relay**

(57) A gas-accumulation Buchholz relay, which comprises, to be immersed in an oil bath, a supporting frame (23) for magnetic switches (27) for closing circuits and at least one movable device (28,29) of the float type for actuating the switches. The relay is characterized in that the float (30) is of the lever type with a rotation axis which is fixed to the frame (23) and is operatively connected to a magnet holder which acts as a counter-weight. The float (30) is articulated in its rotation with respect to the magnet holder through a given angle.



EP 0 945 951 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 10 4056

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	BE 678 625 A (LICENTIA PATENT-VERWALTUNGS-GMBH) 1 September 1966 (1966-09-01) * claim 1 *	1	H02H5/08
Y	FR 1 012 247 A (RONALD TRIST & CO) 17 July 1952 (1952-07-17) * page 1, right-hand column, paragraph 1 - page 2, left-hand column, paragraph 1 *	1-4	
Y	US 5 426 271 A (CLARK RICHARD A ET AL) 20 June 1995 (1995-06-20) * column 3, line 55 - column 4, line 17 *	2-4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H02H H01H G01F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 April 2000	Examiner Libberecht, L
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			

EPO FORM 1503 03.82 (P04C01)

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

EP 99 10 4056

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.

18-04-2000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
BE 678625	A	01-09-1966	NONE	
FR 1012247	A	17-07-1952	NONE	
US 5426271	A	20-06-1995	NONE	