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(11) **EP 0 959 448 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
22.12.1999 Bulletin 1999/51

(51) Int. Cl.⁶: **G09F 11/02, G09F 15/00**

(43) Date of publication A2:
24.11.1999 Bulletin 1999/47

(21) Application number: **99109964.9**

(22) Date of filing: **20.05.1999**

(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

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(30) Priority: **20.05.1998 HU 9800148**

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(54) **Multi-purpose rotating communication device**

(57) The invention relates to a multi-purpose rotating communication device which contains a firmly fixed supporting frame, an information-carrying unit connected to the supporting frame in such a way that it is able to rotate, a propulsion unit inserted between the supporting frame and the information-carrying unit, and furthermore, a central unit for the control of the operation of the propulsion unit, the propulsion unit has a driving part-unit, and a drive transfer structure connected to the driving part-unit, the supporting frame has a cable channel, the driving part-unit is connected to the central unit with the help of the connection cables situated in the cable channel.

The characteristic feature of the invention is that the information-carrying unit (20) is constructed of two or more sets of display members (21, 22, 23) that can move independently, at least some of the display members (21, 22, 23) have independent propulsion-units (30) attached, which are separately connected to the central unit (40).

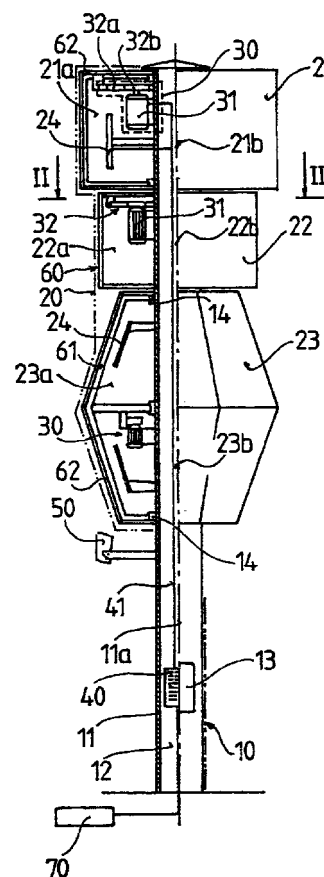


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 99 10 9964

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)
X	US 5 063 377 A (SMITH GLENN W) 5 November 1991 (1991-11-05) * column 1, line 25-38; figures 7,11 * * column 7, line 48-56; figure 16 *	1	G09F11/02 G09F15/00
Y	---	2-9	
Y	US 5 562 459 A (DURLACH DAVID M) 8 October 1996 (1996-10-08) * column 2, line 55 - line 59; figure 1 *	2-9	
A	US 1 740 845 A (EVERET O. TILBE) 24 December 1929 (1929-12-24) * page 1, line 78 - line 85; figure 3 *	1-5,8	
A,D	US 2 556 472 A (GEORGE W. GRAY) 12 June 1951 (1951-06-12) * column 3, line 58 - line 65; figure 5 *	1,3,7,8	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G09F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 October 1999	Examiner Pantoja Conde, A
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.**

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The members are as contained in the European Patent Office EDP file on
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22-10-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5063377 A	05-11-1991	DK 609213 T EP 0609213 A WO 9307607 A	01-12-1997 10-08-1994 15-04-1993
US 5562459 A	08-10-1996	NONE	
US 1740845 A	24-12-1929	NONE	
US 2556472 A	12-06-1951	NONE	