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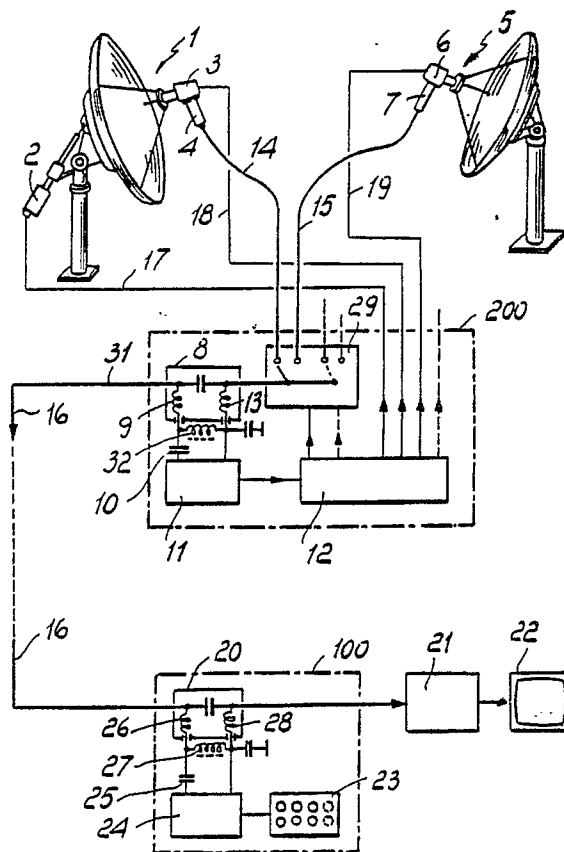
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54 Method and apparatus for transmitting a plurality of control signals in antenna systems.

57 Method and apparatus for transmitting a plurality of control signals to an antenna system, in particular for directly receiving television signals from satellites, by means of the radio frequency transmission cables (16) of the system. The apparatus comprises at least one receiving antenna (1,5) having actuators, a low noise converter/amplifier (4, 7), a transmission cable (16), at least one internal unit (21,22), first circuit means (100) for transmitting codified signals in said cable and second circuit means (200) for receiving and decoding those codified signals, for sending adapted electric signals for operating said actuators. For generating receiving and decoding those signals, integrated circuit are used of the type currently employed in remote controls for TV sets, electric gates and similar devices.



EP 0 314 931 A3



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. 4)
X	DE-A-3 134 219 (SIHN, Jr.) * Abstract; claims 1,7,11; page 12, medium section, page 20, last section; figures 1-3 *	1,8	H 01 Q 3/00
Y	---	2-7,9-15	
Y	EP-A-0 196 607 (TOSHIBA) * Abstract; page 6, line 5 - page 9, line 22; figures 1,2,4-8 *	2-7,9-15	
A	US-A-4 131 839 (SPRINGER) * Abstract; column 5, lines 14-41; with figure 3 *	1,8	
A	US-A-4 538 175 (BALBES et al.) * Abstract; column 2, line 42 - column 3, line 31; column 3, line 51 - column 4, line 43; figures 1,2B,8 *	1,8	
A	FUNKSCHAU, vol. 1, January 1987, pages 40-42; "Auf die Einstellung kommt es an" * Page 42 *	1,8,14	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	EP-A-0 058 289 (BRIONVEGA) * The whole document *	8,12,13	H 01 Q H 04 N H 04 B
A	FR-A-2 437 111 (INDESIT) * Page 5, line 29 - page 8, line 29; figure 2 *	8,12,13	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-02-1990	Examiner ANGRABEIT F.F.K.
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	