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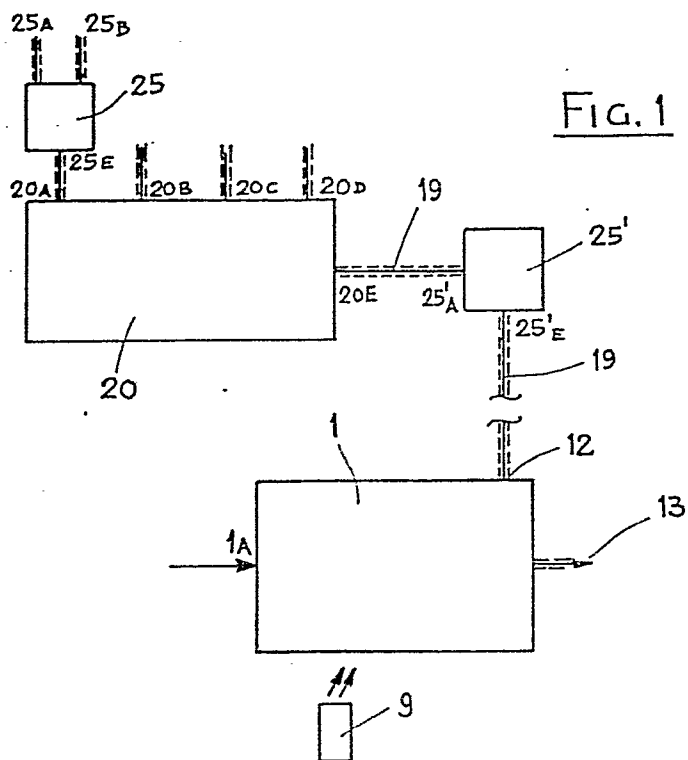
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(54) **Radio frequency switching, regulation, amplification and/or attenuation system.**

(57) Switching, regulation, amplification and/or attenuation system which may be adapted to switches with several R.F. inlets, R.F. amplifiers and R.F. convertor selectors, suitable to be employed for the realization of radio and television reception systems or the like, whether fixed or mobile which comprises a power supply and control box (1) containing a radio-frequency filter or injector; a block (20) consisting of a standard unit for the selection, conversion and processing of the R.F. signals and/or an R.F. switch with several R.F. inlets and identification, switching and regulation circuits capable of identifying both the polarity and the particular value of the voltages received, coming from control and power supply box (1) and consequently to control the coupled control circuits of the R.F. switch and/or R.F. conversion and processing unit; one or more block or modules (25) or (25'), whether inserted or not in the same block (20), consisting of amplification, attenuation or tuning circuits of the R.F. signals, combined

with power supply and regulation circuits able to power, at constant voltage, the above mentioned R.F. amplification, attenuation or tuning circuits, and to carry out the regulation by utilizing the same voltages at different polarities, transmitted, in turn, by control box (1).





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)
Y	WO-A-8 202 303 (DELTAKABEL B.V.) * Abstract; page 1, lines 1-18; page 4, line 23 - page 9, line 3; figures * ---	1-3,7	H 04 H 1/04
Y	GB-A-1 515 098 (COMMUNICATIONS PATENTS LTD) * Page 1, left-hand column, line 10 - right-hand column, line 87; page 2, left-hand column, lines 33-56; figures * ---	1-3,7	
A	FR-A-2 427 732 (MONTORIO) * Page 3, line 23 - page 5, line 27; claim 1; figures * ---	1	
A	US-A-4 338 632 (FALATER) * Abstract; page 1, column 1, lines 6-62; column 2, line 49 - column 3, line 48; column 6, lines 8-24; figures 1-6,9 * ---	1	
A	GB-A-2 081 948 (SONY) * Page 1, lines 5-36; page 2, lines 62-95; page 3, lines 22-99; page 5, lines 4-35; figures * -----	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4) H 04 H H 04 N H 04 B H 01 Q
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-06-1989	Examiner HAVENHAND M.
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			