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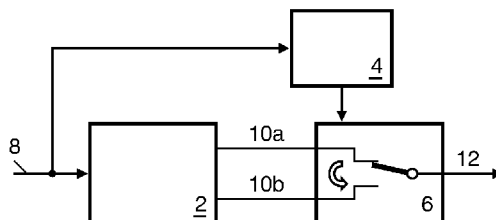


FIG. 4

(57) Abstract: The application relates to a digital modulator comprising at least one input terminal configured to receive at least one signal, at least one symbol generating unit comprising a first output terminal and at least a second output terminal, wherein the symbol generating unit is configured to generate a first symbol waveform for the first output terminal depending on the received signal, and wherein the symbol generating unit is configured to generate at least a second symbol waveform for the second output terminal depending on the received signal, wherein the first symbol waveform comprises at least one different parameter value compared to the second symbol waveform, at least one third output terminal connectable to at least the first output terminal and/or second output terminal via a switching unit, a controlling unit configured to control the switching unit depending on the received signal such that a modulated output signal is generated.



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**A. CLASSIFICATION OF SUBJECT MATTER**  
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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
H04L H03F H03K H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Further documents are listed in the continuation of Box C.       See patent family annex.

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## C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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