

Radio-frequency pulse logic element “Exclusive OR” includes a frequency mixer for information signals, which is connected via an intermediate-frequency filter to the input of the first splitter; the two outputs of this splitter are connected to the inputs of two frequency-shifting mixers, whose second inputs are connected to two auxiliary signal sources, and whose outputs, via bandpass filters, are connected to the first power summer. A second power summer, a second frequency-shift mixer, and a second splitter-the input of which is connected to the output of the first frequency-shift mixer-are introduced. The first output is connected to the first bandpass filter; the second output is connected to the first input of the second power summer, whose second input is connected to the output of the second frequency-shifting mixer. The output is connected to the second bandpass filter.