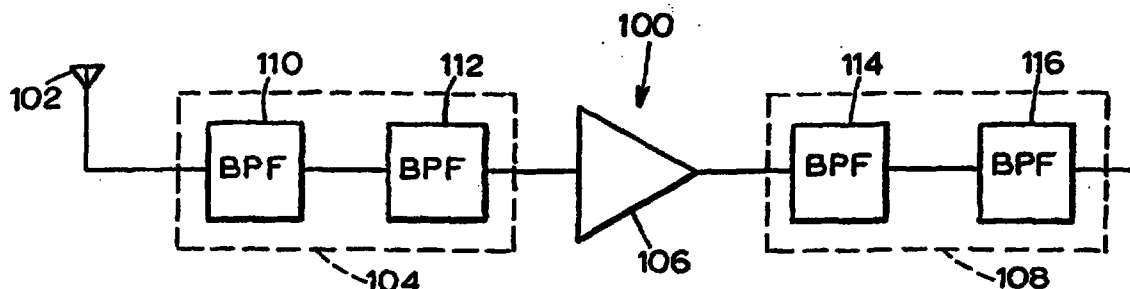




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(54) Title: RF RECEIVER HAVING CASCADED FILTERS AND AN INTERMEDIATE AMPLIFIER STAGE

**(57) Abstract**

An RF receiver includes first and second RF filter stages and an amplifier stage. An output terminal of the first RF filter stage is coupled to an input terminal of the amplifier stage, and an output terminal of the amplifier stage is coupled to an input terminal of the second RF filter stage. The first and second RF filter stages are not identical, in as much as, for instance, the first and second RF filter stages may provide different selectivities. The first RF filter stage may include a low loss RF filter to establish a low noise figure for the RF receiver. The isolation provided by the amplifier stage permits the first and second RF filter stages to include high-order RF filters or, alternatively, multiple low order RF filters.