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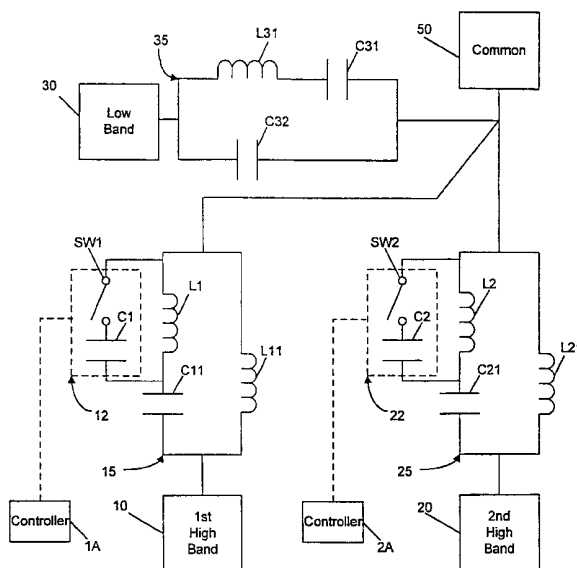
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(54) Title: FREQUENCY MULTIPLEXER



(57) Abstract: Multiple circuits connected to a common terminal are switched where the frequency bands to be conducted through the circuits are close. Each circuit has an independent signal path to the common terminal which contains a filter and a device. Each device has a first and a second state. Each circuit has a first filter characteristic that passes a first frequency band and substantially blocks the second frequency band. Each circuit has a second filter characteristic which substantially blocks the first and second frequency bands when the device is in the second state, wherein the second filter characteristic is a result of the device and a filter acting in combination. As a result, the frequency multiplexer can have multiple frequency bands in a narrow frequency range connected to a common terminal with minimum signal loss.



WO 02/07337 A3



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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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)
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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)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Patent family members are listed in annex.

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