

Title (en)
SUPERHETERODYNE CIRCUIT WITH BAND-PASS FILTER FOR CHANNEL SELECTION

Title (de)
SUPERHETERODYNSCHALTUNG MIT BANDPASSFILTER FÜR DIE KANALAUSWAHL

Title (fr)
CIRCUIT SUPERHETERODYNE A FILTRE PASSE-BANDE DE SÉLECTION DE CANAL

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Application
EP 03720635 A 20030221

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Abstract (en)
[origin: WO03075474A1] The invention concerns a superheterodyne circuit comprising at least one reception input (5), at least one production output (6) wherefrom can be produced a baseband signal and at least one band-pass filter (8) for channel selection interposed in the signal path (7) between the input (5) and the output (6). The invention is characterized in that the filter (8) is adapted to be connected to means (38) for measuring a characteristic frequency of signal passage in said filter (8), controllable means (22, 23) for frequency shift are arranged in the signal path (7), and control means (40) are provided, connected to the measuring means (38) and controlling the means (22, 23) with a supplementary signal, which compensates the difference of the measured characteristic frequency relative to a prescribed characteristic frequency value of the filter passage (8) and whereof the frequency is determined based on the position of said path (7) of the shifting means (22, 23) relative to the filter (8).

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