ABSTRACT

Circuit arrangement with controllable transmission characteristics

A circuit arrangement is described which has a controllable transmission characteristic between a signal input (2) and a signal output (5) for a signal within a given transmission frequency band, comprising a bass control stage (1) to which the signal from the signal input (2) can be applied for adjustably boosting the amplitude-frequency response of the signal at low frequencies of the transmission frequency band.

A higher flexibility and an improved transmission characteristic of such a circuit arrangement are obtained with a simplified construction by means of a notch filter stage (3), to which the signal processed in the bass control stage (1) can be applied for attenuating the amplitude-frequency response of the signal at mid-frequencies of the transmission frequency band independently of the bass control stage (1) and by which the signal thus processed can be applied to the signal output.

Fig. 1