ABSTRACT OF THE DISCLOSURE

A surface acoustic wave filter comprises first and second channels, each channel comprising at least one input transducer and one output transducer. The transfer functions of the first channel and of the second channel are in phase in the passband of the filter and in antiphase in the rejection band of the filter. This type of configuration enables the use of frequency responses for each channel, with wide bands enabling the high reduction of the size of the filter while at the same time reducing the rejection band of the total filter.

Applications: mobile telephony.

Figure 6

This Sheet Has Been Replaced

