ABSTRACT

SURFACE ACOUSTIC WAVE ETCHED UNIDIRECTIONAL TRANSDUCER

The invention relates to a surface acoustic wave transducer in which an etching network is superimposed on the conventional networks of electrodes of acoustic transducers. The superposition of these networks makes it possible to obtain a favoured direction of propagation of the acoustic waves whilst maintaining a high quality factor Q comparable with that of conventional bidirectional transducers.

Applications: Mobile radio communication

Figure 1a