

Title (en)

TRANSDUCER STRUCTURE THAT OPERATES WITH ACOUSTIC WAVES

Title (de)

MIT AKUSTISCHEN WELLEN ARBEITENDE WANDLERSTRUKTUR

Title (fr)

STRUCTURE DE TRANSDUCTEUR FONCTIONNANT AVEC DES ONDES ACOUSTIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO02073800A1] The aim of the invention is to achieve an improved adaptation of a filter that operates with acoustic waves. To this end, the invention provides a transducer structure in which the distances between each two adjacent electrode fingers of an interdigital transducer (IDTV) vary over the length of the transducer. The variation preferably follows a continuous distribution function. Reactance filters that are equipped in the serial branch with such resonators exhibit an improved electrical adaptation in the passband.

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