Docket #: S02-183

A New Regime for Operating Capacitive Micromachined Ultrasonic Transducers

Applications

- Imaging
- Ultrasound
- Transducers
- MEMS

Advantages

- Increases sensitivity, peak output pressure, and total acoustic energy transmitted
- Reduces crosstalk between elements in cMUT arrays

Publications

- Published Patent Application: US-2005-0219953-AI

Patents

- Published Application: 20050234342
- Published Application: 20050219953

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