

Title (en)
MICROMECHANICAL ACOUSTIC TRANSDUCER

Title (de)
MIKROMECHANISCHER SCHALLWANDLER

Title (fr)
TRANSDUCTEUR ACOUSTIQUE MICROMÉCANIQUE

Publication
EP 3632135 B1 20230802 (DE)

Application
EP 18729366 A 20180528

Priority
• DE 102017208911 A 20170526
• EP 2018063961 W 20180528

Abstract (en)
[origin: WO2018215669A2] A micromechanical acoustic transducer comprises, according to a first aspect, a first bender transducer with a free end and a second bender transducer with a free end which are situated in a common plane, wherein the free end of the first bender transducer is separated from the free end of the second bender transducer by a gap. The second bender transducer is excited in phase to the vertical oscillation of the first bender transducer. A micromechanical acoustic transducer comprises, according to a second aspect, a first bender transducer which is excited vertically to the oscillation and a plate element which extends vertically relative to the first bender transducer and is separated from a free end of the first bender transducer by a gap.

IPC 8 full level
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CPC (source: CN EP US)
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Designated contracting state (EPC)
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DOCDB simple family (publication)
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