

Title (en)

ELECTROACOUSTIC TRANSDUCER HAVING FEWER SECOND-ORDER NONLINEARITIES

Title (de)

ELEKTROAKUSTISCHER WANDLER MIT VERRINGERTEN NICHTLINEARITÄTEN ZWEITER ORDNUNG

Title (fr)

TRANSDUCTEUR ÉLECTRO-ACOUSTIQUE À NON-LINÉARITÉS DE SECOND ORDRE RÉDUITES

Publication

EP 3381124 A1 20181003 (DE)

Application

EP 16790378 A 20161103

Priority

- DE 102015120654 A 20151127
- EP 2016076542 W 20161103

Abstract (en)

[origin: WO2017089090A1] Disclosed is a transducer having fewer second-order nonlinearities. In order to reduce nonlinearities, the transducer (IDT) comprises an insulation zone (IB) between the electrode fingers (EF1) and the opposite busbar (BB), and a dielectric material (DM) for reducing the electric field strength (Ey) in the insulation zone.

IPC 8 full level

H03H 9/02 (2006.01); **H03H 9/145** (2006.01)

CPC (source: EP US)

H03H 9/02818 (2013.01 - EP US); **H03H 9/14538** (2013.01 - EP US)

Citation (search report)

See references of WO 2017089090A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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