

Title (en)

SAW TRANSDUCER WITH SUPPRESSED MODE CONVERSION

Title (de)

WANDLER FÜR SAW MIT UNTERDRÜCKTER MODENKONVERSION

Title (fr)

CONVERTISSEUR POUR SAW AVEC INHIBITION DE LA CONVERSION DE MODE

Publication

EP 3235131 A1 20171025 (DE)

Application

EP 15804469 A 20151202

Priority

- DE 102014118897 A 20141217
- EP 2015078421 W 20151202

Abstract (en)

[origin: WO2016096439A1] Disclosed is a SAW- or PSAW-type acoustic wave transducer in which a dielectric (DK) is applied to the substrate in such a way that the gap (GP) between the ends of the electrode fingers and the opposite bus electrode is entirely filled with the dielectric (DK), but the active region of the transducer, i.e. the transverse overlapping area (UB) between the electrode fingers, is not covered by the dielectric (DK).

IPC 8 full level

H03H 9/02 (2006.01)

CPC (source: CN EP US)

H03H 9/02559 (2013.01 - US); **H03H 9/02818** (2013.01 - CN EP US); **H03H 9/02992** (2013.01 - US); **H03H 9/25** (2013.01 - US)

Citation (search report)

See references of WO 2016096439A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014118897 A1 20160623; **DE 102014118897 B4 20190221**; CN 107005222 A 20170801; EP 3235131 A1 20171025; JP 2017538365 A 20171221; US 2017324394 A1 20171109; WO 2016096439 A1 20160623

DOCDB simple family (application)

DE 102014118897 A 20141217; CN 201580063484 A 20151202; EP 15804469 A 20151202; EP 2015078421 W 20151202; JP 2017532031 A 20151202; US 201515531325 A 20151202