

Title (en)
ELECTROACOUSTIC DEVICE

Title (de)
ELEKTROAKUSTISCHE VORRICHTUNG

Title (fr)
DISPOSITIF ÉLECTROACOUSTIQUE

Publication
EP 4034311 A1 20220803 (FR)

Application
EP 20780191 A 20200924

Priority
• FR 1910590 A 20190925
• EP 2020076762 W 20200924

Abstract (en)
[origin: WO2021058666A1] Electroacoustic device (5) comprising: - an ultrasonic wave transducer (15) comprising a piezoelectric substrate (10) and first (30) and second (35) electrodes in contact with the piezoelectric substrate, and - a carrier (10), the transducer being attached to the carrier and acoustically coupled to the carrier, and the first and second electrodes being sandwiched, at least partly, between the piezoelectric substrate and the carrier, the device being configured to generate an ultrasonic surface wave (W) propagating through the carrier at a distance from the transducer when an electric current passes through the first and second electrodes.

IPC 8 full level
B06B 1/06 (2006.01); **B08B 7/00** (2006.01); **B08B 7/02** (2006.01); **B08B 17/02** (2006.01); **B60S 1/02** (2006.01)

CPC (source: CN EP US)
B06B 1/06 (2013.01 - CN); **B06B 1/067** (2013.01 - US); **B08B 3/12** (2013.01 - CN); **B08B 7/0071** (2013.01 - CN);
B08B 7/02 (2013.01 - CN EP US); **B08B 11/04** (2013.01 - CN); **B08B 17/02** (2013.01 - CN EP); **B60S 1/02** (2013.01 - CN);
B60S 1/56 (2013.01 - US); **B06B 1/06** (2013.01 - EP); **B06B 2201/40** (2013.01 - US); **B60S 1/02** (2013.01 - EP); **B60S 1/56** (2013.01 - EP)

Citation (search report)
See references of WO 2021058666A1

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)
FR 3100999 A1 20210326; **FR 3100999 B1 20220715**; CN 114630717 A 20220614; EP 4034311 A1 20220803; JP 2022550302 A 20221201;
US 2022339669 A1 20221027; WO 2021058666 A1 20210401

DOCDB simple family (application)
FR 1910590 A 20190925; CN 202080067744 A 20200924; EP 2020076762 W 20200924; EP 20780191 A 20200924;
JP 2022518883 A 20200924; US 202017763016 A 20200924