

Title (en)

Acoustic radiator

Title (de)

Akustischer Strahler

Title (fr)

Radiateur acoustique

Publication

EP 1100288 A2 20010516 (EN)

Application

EP 00124221 A 20001109

Priority

JP 31875399 A 19991109

Abstract (en)

An acoustic radiator (AR) includes a plate-like member (1) which has elastic properties in a driving frequency band for acoustic radiation. The plate-like member (1) is supported by a support portion (3) into a state where a peripheral portion of the plate-like member (1) is allowed to substantially freely vibrate. A driving portion (2a) is disposed along the peripheral portion of the plate-like member (1). The driving portion (2a) causes the plate-like member (1) to perform acoustic radiation when the driving portion (2a) drives the peripheral portion of the plate-like member (1).

IPC 1-7

H04R 9/06; **H04R 7/04**

IPC 8 full level

H04R 9/00 (2006.01); **H04R 9/06** (2006.01); **H04R 7/04** (2006.01); **H04R 7/18** (2006.01); **H04R 7/20** (2006.01)

CPC (source: EP)

H04R 7/045 (2013.01); **H04R 7/20** (2013.01); **H04R 2201/021** (2013.01); **H04R 2440/05** (2013.01); **H04R 2499/15** (2013.01)

Citation (applicant)

- WO 9203024 A1 19920220 - SECR DEFENCE BRIT [GB]
- WO 9937121 A1 19990722 - NEW TRANSDUCERS LTD [GB], et al
- WO 9709698 A1 19970313 - VERITY GROUP PLC [GB], et al

Cited by

EP3142385A1; CN108028990A; US10511912B2; WO2008107853A1; WO2017046161A1; US2022132236A1; US12022254B2

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

EP 1100288 A2 20010516; **EP 1100288 A3 20080326**; JP 2001136594 A 20010518; JP 3591578 B2 20041124

DOCDB simple family (application)

EP 00124221 A 20001109; JP 31875399 A 19991109