

Title (en)  
ACOUSTIC DEVICE

Title (de)  
AKUSTISCHE VORRICHTUNG

Title (fr)  
DISPOSITIF ACOUSTIQUE

Publication  
**EP 3456066 A1 20190320 (EN)**

Application  
**EP 17727428 A 20170504**

Priority  
• US 201615150700 A 20160510  
• US 2017031032 W 20170504

Abstract (en)  
[origin: WO2017196631A1] An acoustic device (10) that has a neck loop (12) that is constructed and arranged to be worn around the neck (N) of a user. The neck loop (12) includes a housing (13) with a first acoustic waveguide (110) having a first sound outlet opening (50), and a second acoustic waveguide (160) having a second sound outlet opening (40). There is a first open-backed acoustic driver (14) acoustically coupled to the first waveguide (110) and a second open-backed acoustic driver (16) acoustically coupled to the second waveguide (160).

IPC 8 full level  
**H04R 1/28** (2006.01); **H04R 1/34** (2006.01); **H04R 5/02** (2006.01); **H04R 5/033** (2006.01)

CPC (source: EP)  
**H04R 1/2803** (2013.01); **H04R 1/2853** (2013.01); **H04R 1/2857** (2013.01); **H04R 1/288** (2013.01); **H04R 1/347** (2013.01); **H04R 5/02** (2013.01); **H04R 5/0335** (2013.01)

Citation (search report)  
See references of WO 2017196631A1

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)  
**WO 2017196631 A1 20171116**; CN 109155882 A 20190104; EP 3456066 A1 20190320; JP 2019515590 A 20190606

DOCDB simple family (application)  
**US 2017031032 W 20170504**; CN 201780029055 A 20170504; EP 17727428 A 20170504; JP 2018559290 A 20170504