



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
07.11.2018 Bulletin 2018/45

(51) Int Cl.:
H04R 1/10 (2006.01)
H04R 5/04 (2006.01)

G06F 17/30 (2006.01)

(21) Application number: **18179348.0**

(22) Date of filing: **23.06.2015**

(84) Designated Contracting States:
**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**

(30) Priority: **24.06.2014 US 201414312914**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
15173228.6 / 2 961 194

(71) Applicant: **Harman International Industries, Inc.**
Stamford, CT 06901 (US)

(72) Inventor: **GELTER, Aaron**
West Jordan, UT 84081 (US)

(74) Representative: **Grünecker Patent- und
Rechtsanwälte
PartG mbB
Leopoldstraße 4
80802 München (DE)**

Remarks:

This application was filed on 22-06-2018 as a
divisional application to the application mentioned
under INID code 62.

(54) **HEADPHONE LISTENING APPARATUS**

(57) In at least one embodiment, a headphone listening apparatus including an audio listening device is provided. The audio listening device is programmed to receive an incoming ambient audio signal indicative of an external ambient sound and to store a plurality of desired audio triggers. The audio listening device is further programmed to compare the external ambient sound to the plurality of desired audio triggers and to transmit a notification signal to headphones in response to the ambient sound being generally similar to a first desired audio trigger of the plurality of desired audio triggers. The headphones are programmed to provide an audio alert to a user to indicate the presence of the external ambient sound.

