

Title (en)  
HEADSET AND HEADPHONE

Title (de)  
HEADSET UND HÖRER

Title (fr)  
CASQUE ET ÉCOUTEUR

Publication  
**EP 2671219 A1 20131211 (DE)**

Application  
**EP 12702497 A 20120201**

Priority  
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Abstract (en)  
[origin: WO2012104329A1] The invention relates to a headphone, comprising at least one microphone (12), an analog pre-emphasis filter (20) for the pre-emphasis of the microphone signal, an analog-to-digital converter (30) for digitizing the output signal of the pre-emphasis filter, an active noise compensation unit (40) for carrying out active noise compensation on the basis of the output signal of the microphone (12) that has undergone pre-emphasis and digitization and for outputting a counter sound signal, and a digital-to-analog converter (50) for carrying out an analog/digital conversion of the counter sound produced by the active noise compensation unit (40).

IPC 8 full level  
**G10K 11/178** (2006.01)

CPC (source: EP US)  
**G10K 11/16** (2013.01 - US); **G10K 11/17823** (2017.12 - EP US); **G10K 11/17825** (2017.12 - EP US); **G10K 11/17854** (2017.12 - EP US); **G10K 11/17873** (2017.12 - EP US); **G10K 11/17875** (2017.12 - EP US); **H04R 1/1083** (2013.01 - US); **G10K 2210/1081** (2013.01 - EP US); **G10K 2210/3025** (2013.01 - EP); **G10K 2210/3039** (2013.01 - EP); **H04R 5/033** (2013.01 - US); **H04R 2460/01** (2013.01 - US)

Citation (search report)  
See references of WO 2012104329A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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