

Title (en)

HEADPHONES WITH NON-ADAPTIVE ACTIVE NOISE CONTROL

Title (de)

KOPFHÖRER MIT NICHT-ADAPTIVES AKTIVEN GERÄUSCHKONTROLLE

Title (fr)

CASQUE AUDIO A CONTROLE ACTIF DE BRUIT DE TYPE NON-ADAPTATIF

Publication

EP 2597889 B1 20140604 (FR)

Application

EP 12193852 A 20121122

Priority

FR 1160642 A 20111122

Abstract (en)

[origin: EP2597889A1] The headset has a mixer circuit i.e. summing circuit (46), receiving inputs signals delivered by a feed forward filter (32), a feedback filter (42) and a stabilizer filter (44). The stabilizer filter is connected with a feedback branch for receiving input signal delivered by an internal microphone (36), and delivering output signal as an input to a combining circuit. The mixing circuit delivers a linear combination of the output signals delivered by the three filters together with a fraction of to-be played back audio signal (S) with respective weighting of gains applied to the signals.

IPC 8 full level

H04R 1/10 (2006.01); **H04R 5/033** (2006.01)

CPC (source: EP US)

H04R 1/1083 (2013.01 - EP US); **H04R 1/1008** (2013.01 - EP US); **H04R 5/033** (2013.01 - EP US); **H04R 2201/107** (2013.01 - EP US); **H04R 2420/07** (2013.01 - EP US); **H04R 2460/01** (2013.01 - EP US); **H04R 2460/05** (2013.01 - EP US)

Cited by

EP2930940A1; EP3313090A4; US9565491B2; EP3171612A1; EP2945399A1; US10687140B2; EP2930942A1; EP3032844A1; US9532130B2

Designated contracting state (EPC)

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EP 2597889 A1 20130529; EP 2597889 B1 20140604; CN 103139677 A 20130605; FR 2983026 A1 20130524; JP 2013110746 A 20130606; US 2013129105 A1 20130523; US 8948409 B2 20150203

DOCDB simple family (application)

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