

Title (en)
Diffuse noise listening

Title (de)
Anhören eines diffusen Geräusches

Title (fr)
Écoute de bruit diffus

Publication
EP 3038381 B1 20170809 (EN)

Application
EP 14199590 A 20141222

Priority
EP 14199590 A 20141222

Abstract (en)
[origin: EP3038381A1] A hearing aid is provided, comprising: a first microphone system configured for conversion of sound emitted by a sound source into a first audio signal, a first matched filter configured for filtering the first audio signal into a first filtered audio signal, the first matched filter having a first matching transfer function that matches a first transfer function of a first sound propagation path of sound propagating from the sound source to the first microphone system providing the first audio signal, when a user wears the hearing aid, and a hearing loss processor configured to provide a hearing loss compensated output signal that compensates for a hearing loss of the user based at least in part on the first filtered audio signal.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP)
H04R 25/407 (2013.01); **H04R 25/552** (2013.01); **H04R 25/554** (2013.01); **H04R 2225/43** (2013.01)

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

DOCDB simple family (publication)
EP 3038381 A1 20160629; EP 3038381 B1 20170809; DK 3038381 T3 20171120

DOCDB simple family (application)
EP 14199590 A 20141222; DK 14199590 T 20141222