

Title (en)

WIND SUPPRESSION/REPLACEMENT COMPONENT FOR USE WITH ELECTRONIC SYSTEMS

Title (de)

WINDUNTERDRÜCKUNGS-/ERSATZKOMPONENTE ZUR VERWENDUNG IN ELEKTRONISCHEN SYSTEMEN

Title (fr)

COMPOSANT DE SUPPRESSION/REMPLACEMENT DU VENT À UTILISER AVEC DES SYSTÈMES ÉLECTRONIQUES

Publication

EP 2567377 A1 20130313 (EN)

Application

EP 11778185 A 20110503

Priority

- US 77296310 A 20100503
- US 77297510 A 20100503
- US 2011035029 W 20110503

Abstract (en)

[origin: WO2011140110A1] Systems and methods to reduce the negative impact of wind on an electronic system include use of a first detector that receives a first signal and a second detector that receives a second signal. A voice activity detector (VAD) coupled to the first detector generates a VAD signal when the first signal corresponds to voiced speech. A wind detector coupled to the second detector correlates signals received at the second detector and derives from the correlation wind metrics that characterize wind noise that is acoustic disturbance corresponding to at least one of air flow and air pressure in the second detector. The wind detector controls a configuration of the second detector according to the wind metrics. The wind detector uses the wind metrics to dynamically control mixing of the first signal and the second signal to generate an output signal for transmission.

IPC 8 full level

G10L 21/0208 (2013.01); **G10L 21/02** (2006.01); **H04R 3/00** (2006.01); **G10L 21/0216** (2013.01); **G10L 25/78** (2013.01); **G10L 25/93** (2013.01)

CPC (source: EP)

G10L 21/0208 (2013.01); **H04R 1/083** (2013.01); **H04R 1/1083** (2013.01); **H04R 1/46** (2013.01); **H04R 3/005** (2013.01); **H04R 19/016** (2013.01); **H04R 31/00** (2013.01); **G10L 25/78** (2013.01); **G10L 25/93** (2013.01); **G10L 2021/02165** (2013.01); **H04R 2410/07** (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)

WO 2011140110 A1 20111110; AU 2011248297 A1 20121129; CA 2798282 A1 20111110; CN 203242334 U 20131016; EP 2567377 A1 20130313; EP 2567377 A4 20161012

DOCDB simple family (application)

US 2011035029 W 20110503; AU 2011248297 A 20110503; CA 2798282 A 20110503; CN 201190000590 U 20110503; EP 11778185 A 20110503