Title (en)

SYNCHRONIZED VOICE-CONTROL MODULE, LOUDSPEAKER SYSTEM AND METHOD FOR INCORPORATING VC FUNCTIONALITY INTO A SEPARATE LOUDSPEAKER SYSTEM

Title (de)

SYNCHRONISIERTES SPRACHSTEUERMODUL, LAUTSPRECHERSYSTEM UND VERFAHREN ZUM EINBAU VON VC-FUNKTIONALITÄT IN EIN SEPARATES LAUTSPRECHERSYSTEM

Title (fr)

MODULE DE COMMANDE VOCALE SYNCHRONISÉ, SYSTÈME DE HAUT-PARLEUR ET PROCÉDÉ POUR INCORPORER UNE FONCTIONNALITÉ VC DANS UN SYSTÈME DE HAUT-PARLEUR SÉPARÉ

Publication

EP 3776880 A1 20210217 (EN)

Application

EP 19736223 A 20190108

Priority
- US 201862614726 P 20180108
- US 2019012738 W 20190108

Abstract (en)

[origin: WO2019136460A1] A system (400) and method for incorporating Voice-Controlled ("VC") or smart speaker system features into a separate high-performance host loudspeaker system (604) includes a "Smart Puck" VC module (404) programmed to incorporate VC functionality into the separate host loudspeaker system (604). The Smart Puck VC module (404) includes a microphone array (424) and senses noise stimuli emitted by the separate host loudspeaker system (604) in a user's listening space which is used to derive a complex transfer function (TF) between the host loudspeaker system and the microphone array, and the captured TF is utilized to improve the VC speaker system's sound in the listening space.

IPC 8 full level

H04B 3/00 (2006.01); **H04R 27/00** (2006.01)

CPC (source: EP)

G06F 3/167 (2013.01); **H04R 1/406** (2013.01); G10L 21/02 (2013.01); H04S 7/301 (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019136460 A1 20190711; EP 3776880 A1 20210217; EP 3776880 A4 20220622

DOCDB simple family (application)

US 2019012738 W 20190108; EP 19736223 A 20190108