

Title (en)

CONSUMER ELECTRONICS DEVICE AND METHOD OF OPERATION

Title (de)

UNTERHALTUNGSELEKTRONIKVORRICHTUNG UND VERFAHREN ZUM BETRIEB

Title (fr)

DISPOSITIF ÉLECTRONIQUE GRAND PUBLIC ET PROCÉDÉ DE FONCTIONNEMENT

Publication

EP 3477641 A1 20190501 (EN)

Application

EP 17198600 A 20171026

Priority

EP 17198600 A 20171026

Abstract (en)

A consumer electronics device (100) is configured to enhance an audio signal output by the consumer electronics device (100). The consumer electronics device (100) determines a volume level of the audio signal output by the consumer electronics device (100). The consumer electronics device (100) applies a gain to at least one frequency band of the audio signal so as to enhance a speech portion of the audio signal. The applied gain is a function of the determined volume level. This allows the speech portion of the audio signal to be boosted to make the speech portion more distinguishable.

IPC 8 full level

G10L 21/02 (2013.01)

CPC (source: EP)

G10L 21/02 (2013.01)

Citation (search report)

- [X] US 6993480 B1 20060131 - KLAYMAN ARNOLD I [US]
- [X] EP 2538408 A1 20121226 - TOSHIBA KK [JP]
- [X] WO 2008106036 A2 20080904 - DOLBY LAB LICENSING CORP [US], et al
- [X] WO 2011040729 A2 20110407 - JULY SEMICONDUCTOR CO LTD [KR], et al
- [X] EP 2453438 A1 20120516 - APPLE INC [US]
- [X] US 2008013751 A1 20080117 - HISELIUS PER [SE]

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)

EP 3477641 A1 20190501; TR 201716876 A2 20190521

DOCDB simple family (application)

EP 17198600 A 20171026; TR 201716876 A 20171031