

Title (en)

INTER-CHANNEL AUDIO FEATURE MEASUREMENT AND DISPLAY ON GRAPHICAL USER INTERFACE

Title (de)

INTERKANAL AUDIOMERKMALSMESSUNG UND DARSTELLUNG AUF GRAPHISCHER BENUTZEROBERFLÄCHE

Title (fr)

MESURE DE CARACTÉRISTIQUES AUDIO INTER-CANAU ET AFFICHAGE SUR INTERFACE GRAPHIQUE D'UTILISATEUR

Publication

**EP 3843428 A1 20210630 (EN)**

Application

**EP 20214889 A 20201217**

Priority

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- EP 19219223 A 20191223

Abstract (en)

A pair of sets of audio blocks is determined from a multi-channel audio signal. The pair comprises a first set for a first time block over audio channels and a second set for a second time block over the audio channels. Audio features including inter-channel audio features are generated from the pair. The audio features are graphically presented with user interface components on a display page. A specific perceptible audio characteristic is visually conveyed to the user using the user interface components dynamically updated with sets of audio features computed from pairs of sets of audio blocks of the multi-channel audio signal.

IPC 8 full level

**H04S 7/00** (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP)

**H04S 7/40** (2013.01); **H04S 2400/13** (2013.01)

Citation (applicant)

LERCH, A.: "An Introduction to Audio Content Analysis Applications in Signal Processing and Music Informatics", 2012, WILEY

Citation (search report)

- [A] EP 2146522 A1 20100120 - FRAUNHOFER GES FORSCHUNG [DE]
- [I] PAUL BOERSMA ET AL: "Praat online manual: doing phonetics by computer; Intro", 31 January 2011 (2011-01-31), XP055678317, Retrieved from the Internet <URL:http://www.fon.hum.uva.nl/praat/manual/Intro.html> [retrieved on 20200320] & PAUL BOERSMA ET AL: "Praat online manual: doing phonetics by computer; Sound: To CrossCorrelationTable...", 12 February 2011 (2011-02-12), XP055678310, Retrieved from the Internet <URL:http://www.fon.hum.uva.nl/praat/manual/Sound\_\_To\_CrossCorrelationTable\_\_\_\_.html> [retrieved on 20200320] & PAUL BOERSMA ET AL: "Praat online manual: doing phonetics by computer; Draw as squares...", 19 March 1998 (1998-03-19), XP055678343, Retrieved from the Internet <URL:http://www.fon.hum.uva.nl/praat/manual/Matrix\_\_Draw\_as\_squares\_\_\_\_.html> [retrieved on 20200320]

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)

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DOCDB simple family (application)

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