

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/US2017/016756

TITLE: MAPPING CHARACTERISTICS OF MUSIC INTO A VISUAL DISPLAY

APPLICANT: NEW RESONANCE, LLC

IPC CLASSIFICATION: G10H1/36, G10H1/00, G10G1/00

EXAMINER: Lecointe, Michael

CONSULTED DATABASES: WPI, EPODOC, FICLA, ICLA, INET, KWCLA

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: G10H, G10H1/368, G10H2220/005, G10H2220/126, G10H1/0008, G10H2210/086, G10H2250/235, G10G1/00

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

Visual representation of an audio signal. Large types of audio cues / audio objects or events are identified by spectral analysis, and their audio features are mapped to visual objects placed on a graphical representation along a time axis. The representation is scrolled in real time according to playback. The audio cues include notes, chords, and expression characteristics (strum, vibrato, tremolo, glissando) as well as acoustic features as well as musical (e.g. chords, interval, notes) and psychoacoustic features (pitch, amplitude) or high level features (mood,). The mapping association may be controlled.