

Title (en)

A METHOD AND A SYSTEM FOR AUTOMATIC EVALUATION OF DIGITAL FILES

Title (de)

VERFAHREN UND SYSTEM ZUR AUTOMATISCHEN BEURTEILUNG DIGITALER DATEIEN

Title (fr)

PROCÉDÉ ET SYSTÈME POUR L'ÉVALUATION AUTOMATIQUE DE FICHIERS NUMÉRIQUES

Publication

EP 2126727 A4 20100414 (EN)

Application

EP 08733585 A 20080312

Priority

- CA 2008000481 W 20080312
- CA 2581466 A 20070312
- US 68490007 A 20070312

Abstract (en)

[origin: WO2008110002A1] There is provided a method for automatic evaluation of target files, comprising the steps of building a database of reference files; for each target file, forming a training set comprising files from the database of reference files and building a test set from features of the target file; dynamically generating a learning model from the training set; and applying the learning model to the test set, whereby a value corresponding to the target file is predicted.

IPC 8 full level

G06F 17/00 (2006.01); **G06F 17/30** (2006.01); **G06N 20/10** (2019.01); **G10L 11/00** (2006.01)

CPC (source: EP US)

G06F 16/68 (2018.12 - EP US); **G06F 16/683** (2018.12 - EP); **G06F 16/70** (2018.12 - EP US); **G06F 18/2135** (2023.01 - EP); **G06N 20/00** (2018.12 - EP); **G06N 20/10** (2018.12 - EP US)

Citation (search report)

- [I] MANDEL I M ET AL.: "SONG-LEVEL FEATURES AND SUPPORT VECTOR MACHINES FORMUSIC CLASSIFICATION", ISMIR 20056TH INTERNATIONAL CONFERENCE ON MUSIC INFORMATION RETRIEVAL, 11 September 2005 (2005-09-11) - 15 September 2005 (2005-09-15), London, UK, pages 594 - 599, XP002566441, Retrieved from the Internet <URL:http://ismir2005.ismir.net/proceedings/1106.pdf> [retrieved on 20100202]
- [I] CHAKKAPONG NOPTHAISONG ET AL: "Automatic Music Classification and Retrieval: Experiments with Thai Music Collection", INFORMATION AND COMMUNICATION TECHNOLOGY, 2007. ICICT '07. INTERNATIONAL CONFERENCE ON, IEEE, PI, 1 March 2007 (2007-03-01), pages 76 - 81, XP031183515, ISBN: 978-984-32-3394-3
- [I] MADDAGE N C ET AL: "Automatic Music Classification and Summarization", IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 13, no. 3, 1 May 2005 (2005-05-01), pages 441 - 450, XP011130085, ISSN: 1063-6676
- [A] SCARINGELLA N ET AL, 31 March 2006, IEEE SIGNAL PROCESSING MAGAZINE IEEE USA, VOL. 23, NR. 2, PAGE(S) 133 - 141, ISSN: 1053-5888, XP002566442
- See references of WO 2008110002A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008110002 A1 20080918; EP 2126727 A1 20091202; EP 2126727 A4 20100414

DOCDB simple family (application)

CA 2008000481 W 20080312; EP 08733585 A 20080312