

Title (en)  
DEVICE, SYSTEM AND METHOD FOR IDENTIFYING A SCENE FROM AN ORDERED SEQUENCE OF SOUNDS CAPTURED IN AN ENVIRONMENT

Title (de)  
VORRICHTUNG, SYSTEM UND VERFAHREN ZUM IDENTIFIZIEREN EINER SZENE AUS EINER GEORDNETEN SEQUENZ VON TÖNEN, DIE IN EINER UMGEBUNG AUFGENOMMEN WURDEN

Title (fr)  
DISPOSITIF, SYSTÈME ET PROCÉDÉ D'IDENTIFICATION D'UNE SCÈNE À PARTIR D'UNE SÉQUENCE ORDONNÉE DE SONS CAPTÉS DANS UN ENVIRONNEMENT

Publication  
**EP 3799047 A1 20210331 (FR)**

Application  
**EP 20193073 A 20200827**

Priority  
FR 1910678 A 20190927

Abstract (en)  
[origin: US2021098005A1] An identification device, method and system for identifying a scene in an environment. The environment includes at least one sound capture device. The identification device is configured to identify the scene based on at least two sounds captured in the environment. Each of the at least two sounds are associated respectively with at least one sound class. The scene is identified by taking account of a chronological order in which the at least two sounds were captured.

Abstract (fr)  
L'invention concerne un dispositif d'identification, un procédé d'identification et un système d'identification d'une scène dans un environnement, ledit environnement comprenant au moins un moyen de captation de son (C1, C2, C3). Le dispositif d'identification (INTRP) est configuré pour identifier ladite scène à partir d'au moins deux sons captés dans ledit environnement, chacun desdits au moins deux sons étant respectivement associé à au moins une classe de sons, ladite scène étant identifiée en tenant compte de l'ordre chronologique dans lequel lesdits au moins deux sons ont été captés.

IPC 8 full level  
**G10L 25/51** (2013.01); **G10L 25/03** (2013.01)

CPC (source: EP US)  
**G10L 19/008** (2013.01 - US); **G10L 25/51** (2013.01 - EP); **H04S 3/008** (2013.01 - US); **G10L 25/03** (2013.01 - EP); **H04S 2400/01** (2013.01 - US)

Citation (search report)  
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• [I] CHAKRABARTY DEBMALYA ET AL: "Exploring the role of temporal dynamics in acoustic scene classification", 2015 IEEE WORKSHOP ON APPLICATIONS OF SIGNAL PROCESSING TO AUDIO AND ACOUSTICS (WASPAA), IEEE, 18 October 2015 (2015-10-18), pages 1 - 5, XP032817953, DOI: 10.1109/WASPAA.2015.7336898  
• [Y] BARCHIESI DANIELE ET AL: "Acoustic Scene Classification: Classifying environments from the sounds they produce", IEEE SIGNAL PROCESSING MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 32, no. 3, 1 May 2015 (2015-05-01), pages 16 - 34, XP011577488, ISSN: 1053-5888, [retrieved on 20150402], DOI: 10.1109/MSP.2014.2326181

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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)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
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