

Title (en)
METHOD AND SYSTEM FOR EXTRACTING SOURCE SIGNAL, AND STORAGE MEDIUM

Title (de)
VERFAHREN UND SYSTEM ZUR EXTRAKTION EINES QUELLSIGNALS UND SPEICHERMEDIUM

Title (fr)
PROCÉDÉ ET SYSTÈME D'EXTRACTION DE SIGNAL SOURCE, ET SUPPORT DE STOCKAGE

Publication
EP 3672275 A4 20230823 (EN)

Application
EP 17921701 A 20171221

Priority
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• CN 2017117813 W 20171221

Abstract (en)
[origin: EP3672275A1] Provided are a method and system for continuously extracting target interference signals from selected signals, and a storage medium. The method comprises: collecting a two-channel or multi-channel input signal, each channel of the input signal containing a target interference signal; increasing independence of the input signal; calculating to obtain a resulting coefficient matrix after the independence of the input signal has been increased; synchronizing each pair or each group of input signals; separating the synchronized input signals into the target interference signal and a desired signal; and intelligently selecting an output signal.

IPC 8 full level
G10L 21/0272 (2013.01); **H04R 3/00** (2006.01); **H04R 25/00** (2006.01); **H04R 1/40** (2006.01)

CPC (source: CN EP)
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Citation (search report)
• [A] WO 2017084397 A1 20170526 - UNIV HONG KONG SCIENCE & TECH [CN]
• [A] TORKKOLA K.: "Blind separation of delayed sources based on information maximization", CONFERENCE PROCEEDINGS / THE 1996 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, MAY 7 - 10, 1996, MARRIOTT MARQUIS HOTEL, ATLANTA, GEORGIA, USA, vol. 6, 7 May 1996 (1996-05-07), Piscataway, NJ, XP093064311, ISBN: 978-0-7803-3192-1, Retrieved from the Internet <URL:https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=000ebbe239fc78c19f702af4a1ea47ac49d7179d> DOI: 10.1109/ICASSP.1996.550785
• See references of WO 2019033671A1

Designated contracting state (EPC)
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