



US 20240214085A1

(19) **United States**

(12) **Patent Application Publication**
Garcia et al.

(10) **Pub. No.: US 2024/0214085 A1**

(43) **Pub. Date: Jun. 27, 2024**

(54) **SYSTEMS, METHODS, AND DEVICES FOR ELECTRONIC SPECTRUM MANAGEMENT**

(60) Provisional application No. 61/789,758, filed on Mar. 15, 2013.

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Publication Classification

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(51) **Int. Cl.**
H04B 17/27 (2006.01)
H04B 17/23 (2006.01)
H04B 17/309 (2006.01)
H04B 17/318 (2006.01)
H04B 17/391 (2006.01)
H04W 4/029 (2006.01)
H04W 16/14 (2006.01)
H04W 24/08 (2006.01)
H04W 24/10 (2006.01)
H04W 64/00 (2006.01)
H04W 72/0446 (2006.01)
H04W 72/0453 (2006.01)
H04W 72/51 (2006.01)
H04W 72/541 (2006.01)

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(21) Appl. No.: **18/434,178**

(22) Filed: **Feb. 6, 2024**

Related U.S. Application Data

(63) Continuation of application No. 18/374,385, filed on Sep. 28, 2023, now Pat. No. 11,901,963, which is a continuation of application No. 18/137,785, filed on Apr. 21, 2023, now Pat. No. 11,791,913, which is a continuation of application No. 18/082,210, filed on Dec. 15, 2022, now Pat. No. 11,637,641, which is a continuation of application No. 17/569,984, filed on Jan. 6, 2022, now Pat. No. 11,588,562, which is a continuation of application No. 16/751,887, filed on Jan. 24, 2020, now Pat. No. 11,223,431, which is a continuation of application No. 16/395,987, filed on Apr. 26, 2019, now Pat. No. 10,554,317, which is a continuation of application No. 16/002,751, filed on Jun. 7, 2018, now Pat. No. 10,284,309, which is a continuation of application No. 15/228,325, filed on Aug. 4, 2016, now Pat. No. 9,998,243, which is a continuation of application No. 14/743,011, filed on Jun. 18, 2015, now Pat. No. 9,414,237, which is a continuation of application No. 13/912,893, filed on Jun. 7, 2013, now Pat. No. 9,078,162.

(52) **U.S. Cl.**
CPC **H04B 17/27** (2015.01); **H04B 17/23** (2015.01); **H04B 17/309** (2015.01); **H04B 17/318** (2015.01); **H04W 4/029** (2018.02); **H04W 16/14** (2013.01); **H04W 24/08** (2013.01); **H04W 24/10** (2013.01); **H04W 64/006** (2013.01); **H04W 72/0446** (2013.01); **H04W 72/0453** (2013.01); **H04W 72/51** (2023.01); **H04W 72/541** (2023.01); **H04B 17/3911** (2015.01)

(57) **ABSTRACT**

Methods for tracking a signal origin by a spectrum analysis and management device are disclosed. Signal characteristics of other known emitters are used for obtaining a position of an emitter of a signal of interest. In one embodiment, frequency difference of arrival technique is implemented. In another embodiment, time difference of arrival technique is implemented.

