

Title (en)

TUNABLE FILTER SYSTEMS, DEVICES, AND METHODS

Title (de)

ABSTIMMBARE FILTERSYSTEME, VORRICHTUNGEN UND VERFAHREN

Title (fr)

SYSTÈMES, DISPOSITIFS ET PROCÉDÉS DE FILTRE ACCORDABLE

Publication

**EP 3568913 A4 20200902 (EN)**

Application

**EP 18738587 A 20180105**

Priority

- US 201715402982 A 20170110
- US 2018012546 W 20180105

Abstract (en)

[origin: WO2018132314A1] Systems, devices, and methods for tunable filters that are configured to support multiple frequency bands, such as within the field of cellular radio communication, can include a first resonator and a second resonator configured to block signals within one or more frequency ranges, and one or more coupling element connected to both the first resonator and the second resonator. The one or more coupling element can be configured to provide low insertion loss within a pass band.

IPC 8 full level

**H03H 7/01** (2006.01); **H03H 7/46** (2006.01)

CPC (source: EP)

**H03H 7/0115** (2013.01); **H03H 7/0153** (2013.01); **H03H 7/175** (2013.01); **H03H 7/1758** (2013.01); **H03H 7/1766** (2013.01); **H03H 7/1775** (2013.01); **H03H 7/466** (2013.01); **H03H 2007/013** (2013.01); **H03H 2210/012** (2013.01); **H03H 2210/025** (2013.01); **H03H 2250/00** (2013.01)

Citation (search report)

- [A] US 2015131492 A1 20150514 - MORRIS III ARTHUR S [US], et al
- See references of WO 2018132314A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2018132314 A1 20180719**; CN 110495096 A 20191122; EP 3568913 A1 20191120; EP 3568913 A4 20200902

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**US 2018012546 W 20180105**; CN 201880006426 A 20180105; EP 18738587 A 20180105