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(19) **United States**(12) **Patent Application Publication****Burra et al.**(10) **Pub. No.: US 2022/0399876 A1**(43) **Pub. Date: Dec. 15, 2022**(54) **DYNAMIC BAND STEERING FILTER BANK DIE**(71) Applicant: **Qorvo US, Inc.**, Greensboro, NC (US)(72) Inventors: **Gangadhar Burra**, Fremont, CA (US);
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Chris Levesque, Fountain Valley, CA (US)(21) Appl. No.: **17/342,957**(22) Filed: **Jun. 9, 2021****Publication Classification**(51) **Int. Cl.****H03H 9/60** (2006.01)**H03H 9/54** (2006.01)**H03F 3/24** (2006.01)(52) **U.S. Cl.**CPC **H03H 9/605** (2013.01); **H03H 9/545**(2013.01); **H03F 3/245** (2013.01); **H03F****2200/294** (2013.01); **H03F 2200/451** (2013.01)

(57)

ABSTRACT

Disclosed is a filter bank die having a first acoustic wave (AW) filter having a first antenna terminal and a first filter terminal, and a second AW filter having a second filter terminal, and a second antenna terminal coupled to the first antenna terminal to effectively diplex signals that pass through the first AW filter and the second AW filter.

