

Title (en)
SYSTEMS AND METHODS FOR ADAPTIVE GENERATION OF HIGH POWER ELECTROMAGNETIC GENERATION AND THEIR APPLICATIONS

Title (de)
SYSTEME UND VERFAHREN ZUR ADAPTIVEN ERZEUGUNG VON ELEKTROMAGNETISCHER HOCHLEISTUNGSERZEUGUNG UND DEREN ANWENDUNGEN

Title (fr)
SYSTÈMES ET PROCÉDÉS DE GÉNÉRATION ADAPTATIVE DE GÉNÉRATION ÉLECTROMAGNÉTIQUE DE HAUTE PUISSANCE ET LEURS APPLICATIONS

Publication
EP 4289063 A1 20231213 (EN)

Application
EP 22750225 A 20220131

Priority

- US 202163144900 P 20210202
- US 202163145410 P 20210203
- US 202117235875 A 20210420
- US 202117561033 A 20211223
- US 2022014615 W 20220131

Abstract (en)
[origin: CA3206791A1] Disclosed are systems for adjusting bias power provided to a radio-frequency amplifier to one or more figures of merit based on sensed characteristics of the amplifier and/or characteristics of the input or output power.

IPC 8 full level
H03F 1/02 (2006.01); **H03F 1/30** (2006.01); **H03F 3/16** (2006.01); **H03F 3/185** (2006.01); **H03F 3/189** (2006.01); **H03F 3/193** (2006.01)

CPC (source: AU EP IL)
H01Q 3/2605 (2013.01 - EP IL); **H01Q 3/28** (2013.01 - EP IL); **H01Q 3/30** (2013.01 - AU); **H01Q 3/38** (2013.01 - EP IL); **H03F 1/0211** (2013.01 - AU EP IL); **H03F 1/0277** (2013.01 - EP IL); **H03F 1/30** (2013.01 - AU); **H03F 1/301** (2013.01 - AU EP IL); **H03F 1/306** (2013.01 - AU); **H03F 1/32** (2013.01 - AU); **H03F 1/3211** (2013.01 - EP IL); **H03F 1/526** (2013.01 - EP IL); **H03F 3/189** (2013.01 - AU); **H03F 3/1935** (2013.01 - AU); **H03F 3/195** (2013.01 - EP IL); **H03F 3/245** (2013.01 - EP IL); **H03F 3/45475** (2013.01 - EP IL); **H03F 3/72** (2013.01 - EP IL); **H03G 3/3042** (2013.01 - EP IL); **H03F 3/20** (2013.01 - AU); **H03F 2200/451** (2013.01 - EP IL); **H03F 2200/462** (2013.01 - AU EP IL); **H03F 2200/468** (2013.01 - AU EP IL); **H03F 2200/471** (2013.01 - AU EP IL); **H03F 2200/519** (2013.01 - AU EP IL); **H03F 2200/522** (2013.01 - AU EP IL); **H03F 2200/525** (2013.01 - AU EP IL); **H03F 2201/3215** (2013.01 - AU); **H03F 2203/21** (2013.01 - AU); **H03F 2203/21136** (2013.01 - AU); **H03F 2203/45048** (2013.01 - EP IL); **H03F 2203/45526** (2013.01 - EP IL)

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)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
AU 2022218115 A1 20230817; CA 3206791 A1 20220811; EP 4289063 A1 20231213; IL 304932 A 20231001

DOCDB simple family (application)
AU 2022218115 A 20220131; CA 3206791 A 20220131; EP 22750225 A 20220131; IL 30493223 A 20230802