

Title (en)

POWER AMPLIFIER WITH FEEDBACK IMPEDANCE FOR STABLE OUTPUT

Title (de)

STROMVERSTÄRKER MIT FEEDBACK-IMPEDANZ FÜR STABILE LEISTUNG

Title (fr)

AMPLIFICATEUR DE PUISSANCE AYANT IMPÉDANCE DE RÉTROACTION POUR UNE SORTIE STABLE

Publication

**EP 2959577 A1 20151230 (EN)**

Application

**EP 13844567 A 20130719**

Priority

- US 201361767125 P 20130220
- US 2013051403 W 20130719

Abstract (en)

[origin: WO2014130075A1] An amplifier circuit (1000) amplifies a signal for wireless transmission. A feedback circuit (208), including a capacitor, is coupled to the amplifier circuit. Components of the feedback circuit (208) are selected based on a feedback factor such that an input impedance (Z input) to the amplifier circuit (1000) has a same impedance characteristic as a feedback circuit impedance of the feedback circuit (208).

IPC 8 full level

**H03F 1/08** (2006.01); **H03F 1/34** (2006.01); **H03F 1/56** (2006.01); **H03F 3/193** (2006.01); **H03F 3/24** (2006.01)

CPC (source: EP)

**H03F 1/083** (2013.01); **H03F 1/34** (2013.01); **H03F 1/56** (2013.01); **H03F 3/193** (2013.01); **H03F 3/245** (2013.01); **H03F 2200/121** (2013.01); **H03F 2200/138** (2013.01); **H03F 2200/147** (2013.01); **H03F 2200/153** (2013.01); **H03F 2200/168** (2013.01); **H03F 2200/541** (2013.01)

Citation (search report)

See references of WO 2014130075A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014130075 A1 20140828**; CN 105075113 A 20151118; CN 105075113 B 20190111; EP 2959577 A1 20151230

DOCDB simple family (application)

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