

Title (en)

MICROPHONE CIRCUIT FOR LINEARIZING THE PROXIMITY EFFECT IN A DIRECTIONAL MICROPHONE

Title (de)

MIKROFONSCHALTUNG ZUR LINEARISIERUNG DES PROXIMITY-EFFEKTS BEI EINEM RICHTMIKROFON

Title (fr)

CIRCUIT DE MICROPHONE DESTINÉ À LA LINÉARISATION DE L'EFFET DE PROXIMITÉ DANS UN MICROPHONE DIRECTIONNEL

Publication

**EP 3879847 A1 20210915 (DE)**

Application

**EP 20161953 A 20200310**

Priority

EP 20161953 A 20200310

Abstract (en)

[origin: WO2021180583A1] The invention relates to a microphone circuit (1) that is characterised, for the purpose of damping resonance and linearising the proximity effect, in such a way that an impedance element (5) can be connected in parallel to the microphone. The impedance of this element is preferably between 20 and 1000 ohms.

Abstract (de)

Mikrofonschaltung, die zwecks Dämpfung der Resonanz und Linearisierung des Proximity-Effekts dadurch gekennzeichnet ist, dass ein Impedanzelement (3) parallel zum Mikrofon schaltbar ist. Die Impedanz dieses Elements liegt bevorzugt zwischen 20 und 1000 Ohm.

IPC 8 full level

**H04R 3/00** (2006.01); **H04R 3/04** (2006.01)

CPC (source: EP US)

**H04R 1/326** (2013.01 - US); **H04R 3/00** (2013.01 - EP US); **H04R 3/04** (2013.01 - EP)

Citation (applicant)

US 9813791 B1 20171107 - CLOUD RODGER [US]

Citation (search report)

- [I] US 2007079694 A1 20070412 - PAKZAD SAMAD F [FR]
- [I] US 2008019540 A1 20080124 - VAN KATS ARTHUR WILLIAM [CA], et al

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

DOCDB simple family (publication)

**EP 3879847 A1 20210915**; EP 4118841 A1 20230118; US 2023164484 A1 20230525; WO 2021180583 A1 20210916

DOCDB simple family (application)

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