

Title (en)  
ELECTRICAL CIRCUIT

Title (de)  
ELEKTRISCHE SCHALTUNG

Title (fr)  
CIRCUIT ÉLECTRIQUE

Publication  
**EP 4042566 A1 20220817 (DE)**

Application  
**EP 19789889 A 20191009**

Priority  
EP 2019077364 W 20191009

Abstract (en)  
[origin: WO2021069071A1] The invention relates to an electrical circuit in the form of a transimpedance amplifier stage, and to a method for operating this circuit. The invention furthermore relates to a circuit containing at least one signal amplifier that has at least one output connection, at least one input connection or at least one pair of differential input connections and at least two voltage supply connections, one of which may also be an earth or ground connection, wherein the signal amplifier has at least one additional connection that is connected internally to at least one of the input connections or the input connection via at least one further component, for example a diode.

IPC 8 full level  
**H03F 1/26** (2006.01); **H03F 1/34** (2006.01); **H03F 1/52** (2006.01); **H03F 3/00** (2006.01); **H03F 3/45** (2006.01)

CPC (source: EP US)  
**H03F 1/26** (2013.01 - EP US); **H03F 1/34** (2013.01 - EP); **H03F 1/52** (2013.01 - EP US); **H03F 3/005** (2013.01 - EP); **H03F 3/45475** (2013.01 - EP US); **H03F 2200/129** (2013.01 - EP US); **H03F 2200/156** (2013.01 - EP US); **H03F 2200/159** (2013.01 - EP); **H03F 2200/261** (2013.01 - EP); **H03F 2200/372** (2013.01 - EP); **H03F 2200/444** (2013.01 - EP US); **H03F 2200/462** (2013.01 - EP); **H03F 2203/45114** (2013.01 - EP US); **H03F 2203/45116** (2013.01 - EP); **H03F 2203/45136** (2013.01 - EP); **H03F 2203/45158** (2013.01 - EP); **H03F 2203/45166** (2013.01 - EP); **H03F 2203/45514** (2013.01 - EP); **H03F 2203/45534** (2013.01 - EP)

Citation (search report)  
See references of WO 2021069071A1

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)  
**WO 2021069071 A1 20210415**; EP 4042566 A1 20220817; US 2022376660 A1 20221124

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**EP 2019077364 W 20191009**; EP 19789889 A 20191009; US 201917763300 A 20191009