

Title (en)

Interface circuit for a hearing aid and method

Title (de)

Schnittstellenschaltung für ein Hörgerät und Verfahren

Title (fr)

Circuit d'interface destiné à une prothèse auditive et procédé

Publication

EP 2955938 A1 20151216 (EN)

Application

EP 14172394 A 20140613

Priority

EP 14172394 A 20140613

Abstract (en)

An interface pad circuit configured for conveying an electrical signal from a semiconductor chip component to a component external to the semiconductor chip component, the interface pad circuit includes: a control circuit; a plurality of semiconductor elements, the semiconductor elements having respective bulk terminals and being controlled by the control circuit; and a connection pad; wherein at least two of the semiconductor elements are configured for providing a plurality of non-zero logic voltage levels to the connection pad; and wherein the control circuit is configured to apply a voltage level to the bulk terminals of the at least two of the semiconductor elements providing the non-zero logic voltage levels, the voltage level applied by the control circuit corresponding to the highest voltage level of the plurality of non-zero logic voltage levels.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP)

H04R 25/00 (2013.01); **H04R 2460/03** (2013.01)

Citation (search report)

[I] US 2006023519 A1 20060202 - CHOI SEOUK-KYU [KR], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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