

Title (en)
Hearing instrument with interruptable microphone power supply

Title (de)
Hörinstrument mit unterbrechbarer Mikrofonstromversorgung

Title (fr)
Instrument auditif avec alimentation de microphone interruptible

Publication
EP 2866471 B1 20160803 (EN)

Application
EP 13189758 A 20131022

Priority
EP 13189758 A 20131022

Abstract (en)
[origin: EP2866471A1] A hearing instrument includes: a first microphone; and a control and processing circuit comprising: a first audio input channel configured to receive a first microphone signal, a second audio input channel configured for receipt of an audio signal, a signal processor for receipt and processing of the first microphone signal and the audio signal according to a hearing loss of a user, a power supply configured to provide a first microphone supply voltage for the first microphone, a first controllable switch comprising a first switch control terminal, the first controllable switch configured to selectively connect the first microphone supply voltage to, and disconnect the first microphone supply voltage from, the first microphone in accordance with a first switch control signal, and a first output port configured to provide the first switch control signal to the first switch control terminal.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP US)
H04R 25/00 (2013.01 - EP US); **H04R 25/603** (2019.04 - EP US); **H04R 25/70** (2013.01 - EP); **H04R 2225/61** (2013.01 - EP US); **H04R 2460/03** (2013.01 - EP)

Cited by
CN112087703A; EP3113171A1; US10249282B2; US10714071B2

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

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