

Title (en)  
Apparatus for testing directionality in hearing instruments

Title (de)  
Vorrichtung zum Testen der Direktionalität in Hörgeräten

Title (fr)  
Appareil permettant de tester la directivité dans des appareils auditifs

Publication  
**EP 2958343 A1 20151223 (EN)**

Application  
**EP 14173217 A 20140620**

Priority  
EP 14173217 A 20140620

Abstract (en)  
Disclosed are an apparatus and a method for testing a directional hearing instrument. The apparatus comprising: a first microphone for coupling with an output of the hearing instrument; a first speaker for transmission of a first signal; a second speaker for transmission of a second signal. The apparatus is configured to: transmit the first signal, the first signal having a first frequency component at a first frequency; transmit the second signal, the second signal having a second frequency component at a second frequency; receive an audio output signal from the hearing instrument, and determine one or more hearing instrument parameters based on cross spectrum analysis of the first signal and the audio output signal.

IPC 8 full level  
**H04R 25/00** (2006.01); **G10H 1/00** (2006.01)

CPC (source: EP)  
**H04R 25/30** (2013.01); **H04R 25/405** (2013.01)

Citation (search report)

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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 2958343 A1 20151223; EP 2958343 B1 20180620**

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