Title (en)

Hearing system with subband signal interchange and corresponding method

Title (de)

Hörsystem mit Teilbandsignalaustausch und entsprechendes Verfahren

Title (fr)

Système auditif avec échange de signal en sous bandes et procédé correspondant

Publication

EP 2104377 A3 20130403 (DE)

Application

EP 09154637 A 20090309

Priority

DE 102008015263 A 20080320

Abstract (en)

[origin: EP2104377A2] The system has a left hearing aid (10) with a communication device to transmit a signal to a communication device of a right hearing aid (20), where the signal corresponds to a real spectral part of entire frequency spectrum of an input signal. The transmitted signal together with a signal of a binaural processing unit (25) is binaurally processed in a spectral part of the spectrum by the processing unit, while the signal of the unit (25) is monaurally processed at a remaining part of the frequency spectrum by the aid (20). The devices comprise transmitters (16, 26) and receivers (17, 27). An independent claim is also included for a method for processing signals for a binaural treatment of a user.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/405 (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); H04R 25/407 (2013.01 - EP US); H04R 25/453 (2013.01 - EP US); H04R 2201/40 (2013.01 - EP US); H04R 2430/20 (2013.01 - EP US)

Citation (search report)

- [X] US 2008013762 A1 20080117 - ROECK HANS UELI [CH], et al
- [XI] EP 1699261 A1 20060906 - OTICON AS [DK]
- [ID] EP 1771038 A2 20070404 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [I] WO 2007063139 A2 20070607 - PHONAK AG [CH], et al

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Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2104377 A2 20090923; **EP 2104377 A3 20130403**; DE 102008015263 A1 20091001; DE 102008015263 B4 20111215; US 2009238385 A1 20090924; US 8126153 B2 20120228

DOCDB simple family (application)

EP 09154637 A 20090309; DE 102008015263 A 20080320; US 38303609 A 20090319