

Title (en)
METHOD AT A HEARING DEVICE

Title (de)
VERFAHREN AN EINEM HÖRGERÄT

Title (fr)
PROCÉDÉ AU NIVEAU D'UN DISPOSITIF AUDITIF

Publication
EP 3886463 A1 20210929 (EN)

Application
EP 21162221 A 20210312

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• US 202016827694 A 20200323
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Abstract (en)
A method of processing an audio signal, comprising: at an ipsilateral hearing device (100) with a first input unit (110) including one or more microphones (112,113) and configured to generate a first directional input signal ($F_{_L}$); a communications unit (120) configured to receive a second directional input signal ($F_{_R}$) from a contralateral hearing device; an output unit (140); and a processor (130) coupled to the first input unit (110), the communications unit (120) and the output unit (140); determining one or both of a first gain value (α ; $H(k)$) and a second gain value ($1-\alpha$; $1-H(k)$); generating an intermediate signal (V) including a linear combination of the first directional input signal ($F_{_L}$) and the second directional input signal ($F_{_R}$), in accordance with one or both of the first gain value (α ; $H(k)$) and the second gain value ($1-\alpha$; $1-H(k)$); wherein one or both of the first gain value (α ; $H(k)$) and the second gain value ($1-\alpha$; $1-H(k)$) are determined in accordance with an objective of making a proportion of the first directional input signal ($F_{_L}$) and a proportion of the second directional signal ($F_{_R}$) at least substantially equal when combined; and generating an output signal (Z) for the output unit (140) based on the intermediate signal.

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Citation (search report)
• [X] US 2014314260 A1 20141023 - AUBREVILLE MARC [DE], et al
• [A] EP 2360943 A1 20110824 - GN RESOUND AS [DK]

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