

Title (en)

SOUND ENRICHMENT SYSTEM FOR TINNITUS RELIEF

Title (de)

KLANGBEREICHERUNGSSYSTEM ZUR TINNITUSENTLASTUNG

Title (fr)

SYSTÈME D'ENRICHISSEMENT SONORE POUR RÉDUIRE LE TINTEMENT

Publication

**EP 3026933 A1 20160601 (EN)**

Application

**EP 15199421 A 20120626**

Priority

- EP 15199421 A 20120626
- EP 12173634 A 20120626

Abstract (en)

A hearing aid with sound enrichment system with a reduced or minimum use of memory is provided. The sound enrichment system (1) comprises a signal generator (2) for provision of a carrier signal and at least one signal modulator including a first signal modulator (4) for modulation of the carrier signal to a modulated signal. The sound enrichment system (1) comprises an output transducer (8) for conversion of the modulated signal to an acoustic signal. The acoustic signal is presented to the user during use of the sound enrichment system (1). The sound enrichment system (1) comprises a memory (6) configured to store at least one feature including a first feature, the first feature comprising amplitude modulation parameters of a natural sound signal. The at least one signal modulator (4) is configured to modulate the carrier signal according to the at least one feature.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/75** (2013.01)

Citation (applicant)

- EP 2132957 A2 20091216 - GN RESOUND AS [DK]
- US 2009028352 A1 20090129 - PETROFF MICHAEL L [US]

Citation (search report)

- [I] WO 2008106974 A2 20080912 - GN RESOUND AS [DK], et al
- [ID] US 2009028352 A1 20090129 - PETROFF MICHAEL L [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2680610 A1 20140101**; EP 3026933 A1 20160601

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