

Title (en)  
Hearing aid with wind noise reduction

Title (de)  
Hörgerät mit Windgeräuschunterdrückung

Title (fr)  
Prothèse auditive avec réduction du bruit du vent

Publication  
**EP 1705952 B1 20120104 (DE)**

Application  
**EP 06111371 A 20060320**

Priority  
DE 102005012976 A 20050321

Abstract (en)  
[origin: EP1705952A2] The hearing aid has a noise generator (RG) formed of a microphone (M) and an analog-to-digital converter, where the microphone produces a wind noise signal with a wind. An earpiece has an analysis device for analyzing a microphone signal after the existence of the noise signal. The generator generates a noise signal for representing the earpiece based on the wind noise signal, such that the wind noise signal is partly masked. An independent claim is also included for a method of operating a hearing aid.

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

CPC (source: EP US)  
**H04R 25/502** (2013.01 - EP US); **H04R 2410/07** (2013.01 - EP US)

Citation (examination)  
EP 1450354 A1 20040825 - HARMAN BECKER AUTOMOTIVE SYS [CA]

Cited by  
CN103986995A

Designated contracting state (EPC)  
CH DE DK ES FR GB LI

DOCDB simple family (publication)  
**EP 1705952 A2 20060927; EP 1705952 A3 20090909; EP 1705952 B1 20120104**; AU 2006200957 A1 20061005; AU 2006200957 B2 20071025; CN 1838838 A 20060927; DE 102005012976 B3 20060914; DK 1705952 T3 20120507; JP 2006270952 A 20061005; JP 4139412 B2 20080827; US 2006233407 A1 20061019; US 7747031 B2 20100629

DOCDB simple family (application)  
**EP 06111371 A 20060320**; AU 2006200957 A 20060306; CN 200610068117 A 20060321; DE 102005012976 A 20050321; DK 06111371 T 20060320; JP 2006074437 A 20060317; US 38624306 A 20060321