

Title (en)

System and method for separation of a users voice from ambient sound

Title (de)

System und Verfahren zum Separieren der Stimme eines Benutzers von dem Umgebungston

Title (fr)

Système et méthode pour séparer la voix d'un utilisateur de le bruit de l'environnement

Publication

EP 1640972 A1 20060329 (EN)

Application

EP 05028366 A 20051223

Priority

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Abstract (en)

The invention relates to a system for separation of a user's voice from ambient sound, comprising a device (10) to be worn at the user's ear or at least partly in the user's ear canal (12) comprising a first microphone (M1) oriented outwardly towards the environment and a second microphone (M2) oriented inwardly towards the user's ear canal, and an audio signal processing unit (24, 26) for processing audio signals from the first and second microphone by a blind source separation algorithm adapted to separate the user's voice from ambient sound.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

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