Title (en)

ADAPTIVE MICROPHONE ARRAY SYSTEM WITH PRESERVING BINAURAL CUES

Title (de)

ADAPTIVES MIKROFON-ARRAY-SYSTEM MIT ERHALTUNG BINAURALER HINWEISE

Title (fr)

SYSTEME DE RESEAU ADAPTATIF DE MICROPHONES AVEC PRESERVATION DES SIGNAUX BIAURICULAIRES

Publication

EP 1305975 B1 20111123 (EN)

Application

EP 01942048 A 20010605

Priority

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Abstract (en)

[origin: WO0203749A2] A microphone system using left and right microphones produces good binaural cues as well as noise reduction by using two adaptive filters. A noise- enhanced reference signal is sent to two different adaptive filters. The output of each adaptive filter is combined with the left or right microphone signal, respectively, to produce left and right output signals. These left and right output signals are used as the error signals to modify the coefficients of the adaptive filters. By using two adaptive filters, each of the adaptive filters is able to independently operate helping to preserve the binaural cues.

IPC 8 full level

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CPC (source: EP)

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WO 0203749 A2 20020110; **WO 0203749 A3 20020620**; AT E535103 T1 20111215; DK 1305975 T3 20120213; EP 1305975 A2 20030502; EP 1305975 A4 20070919; EP 1305975 B1 20111123

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