

Title (en)

Electronic apparatus for processing a sound signal.

Title (de)

Elektronisches Gerät zur Verarbeitung eines Schallsignals.

Title (fr)

Appareil électronique de traitement d'un signal sonore.

Publication

EP 0365378 B1 19931215 (FR)

Application

EP 89402598 A 19890922

Priority

FR 8813541 A 19881014

Abstract (en)

[origin: JPH02223210A] PURPOSE: To permit a patient to more easily recognize the morpheme structure of vowels and consonants and to improve the perception of sound related to the patient having a hearing handicap by making the peak of a restored signal to be conspicuous in a frequency band affected by faults peculiar to the respective patients. CONSTITUTION: A means 1 receiving the signal of sound and converting it into the electric signal, a means 10 for processing the electric signal and means 14, 19 and 20 for restoring the signal of corrected sound from the processed electric signal are provided. A means 8 for selecting at least one frequency and of the signal is arranged between the means 1 receiving the signal of sound and a means 10 for processing the electric signal corresponding to the means. Thus, the band where the patient is affected by the hearing handicap can be improved.

IPC 1-7

H04R 25/00

IPC 8 full level

H03G 5/16 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)

H04R 25/353 (2013.01 - EP US)

Cited by

EP1806720A2

Designated contracting state (EPC)

AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0365378 A1 19900425; **EP 0365378 B1 19931215**; AT E98834 T1 19940115; DE 68911470 D1 19940127; DE 68911470 T2 19940519; ES 2048855 T3 19940401; FR 2638048 A1 19900420; FR 2638048 B1 19940610; JP H02223210 A 19900905; JP H077897 B2 19950130; US 5077800 A 19911231

DOCDB simple family (application)

EP 89402598 A 19890922; AT 89402598 T 19890922; DE 68911470 T 19890922; ES 89402598 T 19890922; FR 8813541 A 19881014; JP 26281889 A 19891006; US 41685089 A 19891004