

Title (en)

A METHOD FOR ELECTRONICALLY BEAM FORMING ACOUSTICAL SIGNALS AND ACOUSTICAL SENSOR APPARATUS

Title (de)

VERFAHREN ZUR ELEKTRONISCHEN STRAHLFORMUNG VON AKUSTISCHEN SIGNALEN UND AKUSTISCHES SENSORGERÄT

Title (fr)

PROCEDE DE MISE EN FORME ELECTRONIQUE DE FAISCEAUX DE SIGNAUX ACOUSTIQUES ET DETECTEUR ACOUSTIQUE

Publication

EP 1005783 B1 20020220 (EN)

Application

EP 98922985 A 19980608

Priority

- EP 98922985 A 19980608
- EP 97114413 A 19970820
- IB 9800889 W 19980608

Abstract (en)

[origin: EP0820210A2] A predetermined characteristic of amplification in dependency of the direction (θ) from which acoustical signals are received at two spaced apart acoustical/electrical transducers (1, 2) is formed in that repetitively a mutual delay signal (A10) is determined from the output signals of the transducers and according to the reception delay at the transducers, one (S1) of the output signals is filtered, thereby the filtering transfer characteristic is controlled in dependency of the mutual delay signal (A12). The output signal of the filtering (14) is exploited as electrical reception signal (Sr). <IMAGE>

IPC 1-7

H04R 3/00; **H04R 25/00**

IPC 8 full level

H04R 3/00 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP KR)

H04R 3/00 (2013.01 - KR); **H04R 25/407** (2013.01 - EP); **H04R 25/505** (2013.01 - EP)

Cited by

DE10331956C5; WO2011027005A2; EP2192794A1; EP2088802A1; US7209568B2; WO2012010195A1; EP2306457A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0820210 A2 19980121; **EP 0820210 A3 19980401**; AT E213581 T1 20020315; AU 746584 B2 20020502; AU 7544198 A 19990308; CA 2301216 A1 19990225; CA 2301216 C 20040713; CN 1267445 A 20000920; DE 69803933 D1 20020328; DE 69803933 T2 20021010; DK 1005783 T3 20020521; EP 1005783 A1 20000607; EP 1005783 B1 20020220; IL 134435 A0 20010430; IL 134435 A 20040328; JP 2001516196 A 20010925; KR 20010023076 A 20010326; NZ 502883 A 20021025; RU 2185710 C2 20020720; TR 200000457 T2 20000522; WO 9909786 A1 19990225

DOCDB simple family (application)

EP 97114413 A 19970820; AT 98922985 T 19980608; AU 7544198 A 19980608; CA 2301216 A 19980608; CN 98808321 A 19980608; DE 69803933 T 19980608; DK 98922985 T 19980608; EP 98922985 A 19980608; IB 9800889 W 19980608; IL 13443598 A 19980608; JP 2000510313 A 19980608; KR 20007001695 A 20000219; NZ 50288398 A 19980608; RU 2000106528 A 19980608; TR 200000457 T 19980608