Title (en)

A method for elctronically beam forming acoustical signals and acoustical sensorapparatus

Title (de)

Verfahren zur elektronischen Strahlformung von akustischen Signalen und akustisches Sensorgerät

Title (fr)

Procédé électronique pour la formation de faisceaux de signaux acoustiques et dispositif détecteur acoustique

Publication

EP 0820210 A3 19980401 (EN)

Application

EP 97114413 A 19970820

Priority

EP 97114413 A 19970820

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

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)

Citation (search report)

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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