

Title (en)
Asymmetrical transducing.

Title (de)
Asymmetrische Wandlung.

Title (fr)
Transduction asymétrique.

Publication
EP 0624047 A1 19941109 (EN)

Application
EP 94303191 A 19940503

Priority
US 5897293 A 19930506

Abstract (en)
A symmetrical electroacoustical transducing apparatus includes a first electroacoustical transducing system (11,12,13,33) having first electroacoustical transducing structure (33) constructed and arranged to transduce spectral components in substantially the full range of audio frequencies. A second electroacoustical transducing system (14,15,31) has a second electroacoustical transducing structure (31) constructed and arranged to transduce spectral components only in the upper range of audio frequencies. The first and second electroacoustical transducing structures (33,31) are relatively displaced and coact to be capable of radiating a composite stereo sound signal when the first electrical transducing structure (33) receives a first electrical signal representative of a first stereo signal with spectral components in the upper frequency range and the second electroacoustical transducing structure (31) receives a second electrical signal representative of a second stereo signal with spectral components in the upper frequency range. <IMAGE>

IPC 1-7
H04R 5/02; **H04S 1/00**

IPC 8 full level
H04R 3/12 (2006.01); **H04R 5/02** (2006.01); **H04S 1/00** (2006.01)

CPC (source: EP)
H04R 5/02 (2013.01); **H04S 1/00** (2013.01)

Citation (search report)
• [Y] EP 0370619 A2 19900530 - BOSE CORP [US]
• [Y] US 4243840 A 19810106 - KATES JAMES M
• [A] US RE31228 E 19830503
• [A] US 3582553 A 19710601 - BOSE AMAR G
• [A] US 4424416 A 19840103 - FUKUOKA NORIO [JP]

Cited by
DE4446690A1; US5621804A; DE4446690B4; US10448190B2; WO2017088876A3; US10880636B2

Designated contracting state (EPC)
BE DE DK FR GB IT NL

DOCDB simple family (publication)
EP 0624047 A1 19941109; CN 1101202 A 19950405; JP H07131899 A 19950519

DOCDB simple family (application)
EP 94303191 A 19940503; CN 94104790 A 19940506; JP 9425994 A 19940506