

Title (en)
Dynamic loudspeaker with centering membrane

Title (de)
Dynamischer Lautsprecher mit einer Zentriermembran

Title (fr)
Haut-parleur dynamique avec membrane de centrage

Publication
EP 0702501 A3 19960605 (DE)

Application
EP 95113286 A 19950824

Priority
DE 9414836 U 19940913

Abstract (en)
[origin: EP0702501A2] The loudspeaker has the centring membrane (6) attached to the oscillation coil neck (5), with the current leads for the oscillation coil provided by flexible filament wires (9, 10), each attached to the oscillation coil neck at one end (11', 12') and electrically contacting one end (16, 17) of the oscillation coil wire. The other end (11, 12) of each filament wire is connected to a terminal (13, 14) provided by the loudspeaker cone, with the intermediate length of each filament wire received in guide channels (15) provided in the front and/or rear side of the centring membrane. Pref. the filament wires are secured in the channels via a highly flexible adhesive.

IPC 1-7
H04R 7/16; H04R 1/06; H04R 9/04

IPC 8 full level
H04R 7/20 (2006.01)

CPC (source: EP)
H04R 7/20 (2013.01)

Citation (search report)

- [PX] DE 9414836 U1 19941103 - BLAUPUNKT WERKE GMBH [DE]
- [X] EP 0479317 A2 19920408 - KENWOOD CORP [JP], et al
- [X] DE 2943054 A1 19810507 - WESTRA ELECTRONIC GMBH [DE]
- [X] US 2221068 A 19401112 - LUITJE ALONS
- [A] US 5091958 A 19920225 - SAKAMOTO YOSHIO [JP], et al
- [A] EP 0369434 A2 19900523 - KENWOOD CORP [JP]
- [A] US 5249236 A 19930928 - SAKAMOTO YOSHIO [JP]
- [A] US 4376233 A 19830308 - KAMON YOSHIYUKI [JP], et al

Cited by
US8180097B2

Designated contracting state (EPC)
DE ES FR SE

DOCDB simple family (publication)
DE 9414836 U1 19941103; EP 0702501 A2 19960320; EP 0702501 A3 19960605

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